Department of Energy
Richland Operations Office
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Richland, Washington 99352

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Mr. Steve M. Alexander
Perimeter Areas Section Manager
Nuclear Waste Program
State of Washington
Department of Ecology
1315 W. Fourth Avenue
Kennewick, Washington 99336-6018

Mr. Douglas R. Sherwood
Hanford Project Manager
U.S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Richland, Washington 99352-0539

Dear Messrs. Alexander and Sherwood:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) APPENDIX C 100 AREA UPDATE

Attached are six copies of Tri-Party Agreement Change Control Form No. C-98-01. The change control form is being provided for review and approval by the U.S. Environmental Protection Agency (EPA) and the State of Washington Department of Ecology. The change control form provides a comprehensive update of the Tri-Party Agreement Appendix C for the 100 Area, including various improvements to the Appendix C format, updates to the 100 Area listing of waste management units exclusive of the 100-N Area, and correction of errors. The 100 Area listing of units is consistent with the results of a categorization process recently applied to 100 Area waste management units, and with the Tri-Party Agreement Handbook Management Procedure Guideline No. TPA-MP-14. The categorization process is described in DOE/RL-94-61, Rev. 0, Appendix N, Remedy Selection Process for Remaining 100 Area Source Operable Unit Waste Sites (also known as the Administrative Record Document), which is in the process of being finalized. The categorization process was used to verify those 100 Area waste management units that will be addressed by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) process and, accordingly, must be listed in Appendix C of the Tri-Party Agreement.

Included with the Change Control Form is a listing of 100 Area and 200 North source operable units. It is the intent that this operable unit listing be included in the next hard copy publication of the Tri-Party Agreement. The change control form also includes the updated listing of 100 Area and 200 North waste management units being proposed for inclusion into Appendix C.

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Waste management units in the 100-N Area, the 200 North Area (except as noted above), and the 300 Area have not yet been categorized. The categorization process to be used for waste management units in the 100-N, the remainder of the 200 North, and the 300 Area is expected to be similar to that applied to units in the 100 Areas. These efforts, including further Appendix C Change Control Forms are presently in the planning stage and will be addressed in future discussions and correspondences.

If you have any questions, please contact Mr. Goldberg on (509) 376-9552.

Sincerely,

Glenn I. Goldberg, Project Manager
Remedial Actions Project

George H. Sanders, Administrator
Hanford Tri-Party Agreement

RAP:GIG

Attachment

cc w/attach:
D. A. Faulk, EPA
L. E. Gadbois, EPA
K. K. Holliday, Ecology
P. S. Innis, EPA
W. W. Soper, Ecology

cc w/o attach:
J. W. Badden, CHI
S. W. Clark, CHI
C. E. Corriveau, BHI
L. A. Dietz, BHI
V. R. Dronen, BHI
C. W. Hedel, ERC
L. D. Arnold, FDH

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Change Number	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date
C-98-01		August 20,1998

Originator | **Phone**

Glenn I. Goldberg | 376-9552

Class of Change

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

Change Title

Update to *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement), as amended, Action Plan Appendix C

Description/Justification of Change

The TPA Action Plan Appendix C contains the official list of waste management units to be remediated in accordance with the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement [TPA]). The three parties have requested that Agreement Action Plan Sections 3.0, 5.0, 6.0, and 7.0, and the associated Appendix C be updated to reflect the current listing and status of waste management units maintained in the Waste Information Data System (WIDS), the electronic database used by the Tri-Parties to

[*Description/Justification of Change is continued on Page 2*]

Impact of Change

This is an administrative change only. No TPA Milestones or documents (other than the Tri-Party Agreement, as noted below) will be impacted by this change.

Affected Documents

TPA Action Plan Appendix C

Approvals

Linda K Bauer — DOE — 9/8/98 — Date — ✓ Approved ____ Disapproved

EPA — Date — ____ Approved ____ Disapproved

Ecology — Date — ____ Approved ____ Disapproved

catalogue all waste management units at the Hanford Site. This TPA Change Control Form documents the corrections and format changes made to Appendix C. It should be noted that the 100 Area portion of Appendix C has been updated in accordance with TPA Handbook Management Procedures, Guideline Number TPA-MP-14. The 200 Area and 300 Area portion of Appendix C will be similarly updated over the next two fiscal years.

PRESENTATION OF UPDATED AGREEMENT SECTIONS AND APPENDIX C

The updated Appendix C is provided as Attachment 2 to this TPA Change Control Form. To facilitate the use of the information, two presentation formats will be made available, as follows:

- **Paper Copy:** A listing of all source operable units, including their waste management units, and groundwater operable units (Attachment 1) will be included in the hard copy publication of the updated Appendix C. This version provides information about the operable unit status (e.g., "Deleted from National Priority List") and identifies the lead regulatory agency.

- **Electronic Copy:** The updated version of Appendix C will be made available to users via the World Wide Web at the TPA Homepage (Uniform Resource Locator [URL] http//:www.hanford.gov/tpa/tpahome.html). The electronic presentation of the updated Appendix C will be a companion to the electronic version of the TPA document, which is currently accessible to users at the TPA Homepage URL.

Attachment 1 provides the changes to the Action Plan text, in underline/strikeout format, which are necessary for consistency with the update of Appendix C.

ATTACHMENTS

1. Action Plan Text Changes
2. Appendix C: Listing by Operable Unit

THIS IS THE REDLINE
STRIKE OUT VERSION FOR
MR. STANLEY. PLEASE
FORWARD TO HIM.

THANKS

PER: JON YELKA

3.0 UNIT IDENTIFICATION, CLASSIFICATION, AND PRIORITIZATION

3.1 INTRODUCTION

This section describes what constitutes a waste management unit at the Hanford Site. In addition, it describes how waste management units are classified, prioritized, and grouped for common investigation and response or corrective action.

A waste management unit represents any location within the boundary of the Hanford Site that may require action to mitigate a potential environmental impact. This would include all solid waste management units (SWMUs) as specified under Section 3004(u) of RCRA. These waste management units were previously defined in the Hanford Site Waste Management Units Report (see Section 3.5). Waste management units include the following:

- Waste disposal units (including RCRA disposal units)
- Unplanned release units (including those resulting from spills)
- Inactive contaminated structures
- RCRA treatment and storage units
- Other storage areas.

The parties recognize and agree that certain activities related to the stabilization and transition of facilities, before or after the shutdown decision has been made, through the final disposition of structures by DOE, are subject to RCRA, CERCLA or other regulatory controls related to the Agreement. The generation and/or discharge of (Ecology/EPA) regulated substances or wastes (including the treatment, storage and disposal of those substances or wastes) shall be subject to this Agreement. Appropriate specific requirements and/or Tri-Party Agreement Milestones for the completion of key activities that generate or discharge regulated substances or wastes shall be incorporated into the Action Plan. Agreed-upon key transition, surveillance and maintenance, and disposition activities not subject to Ecology/EPA regulation that are critical path to cleanup of an aggregate area will be established as target dates. The goal is to conduct regulated and nonregulated work in an orderly sequence to insure coordination with other cleanup actions. Section 8.0 defines the process for identification of key Hanford facilities, and the subsequent process for conducting their transition, surveillance and maintenance, and/or disposition. Facilities which are fully dispositioned under the RCRA closure process (see Section 3.2), or are dispositioned in conjunction with an operable unit cleanup (see Section 3.3), are not addressed under Section 8.0. DOE will enter into negotiations for transition or disposition of key facilities within three months of a shutdown notice or decision to proceed with disposition, respectively. Such negotiations will be completed within 6 months from initiation. If they are not, any party may initiate dispute resolution in accordance with this Agreement.

In the event that a contaminated structure is found to be the source of a release (or presents a substantial threat of a release) of hazardous substances or hazardous wastes ~~or hazardous constituents~~ to the environment, the investigation and remediation of such a release (to include remediation of structures, as necessary), where subject to CERCLA or RCRA, shall be subject to this Agreement. Specific requirements shall be incorporated into the Action Plan as appropriate. Releases which have already been identified have been included in the Action Plan as waste management units and assigned to operable units (see Appendix C) and have been included in the Waste Information Data System (WIDS).

As part of any action being taken under either RCRA or CERCLA for a contaminated structure, EPA and Ecology shall consider available information related to decommissioning activities, including environmental impact statements. All hazardous wastes generated by the decommissioning activities or stored at these storage areas shall be managed in accordance with applicable Federal and State hazardous waste regulations.

3.2 TREATMENT, STORAGE, AND DISPOSAL UNITS

Treatment, storage, and disposal units are those units which will be permitted (for operation and/or postclosure care) and/or closed, under the Washington State Dangerous Waste Regulations (173-303 WAC) and the applicable provisions of HSWA. Appendix B provides a current listing of these units, or group of units (with individual units defined); identifies whether the TSD group/unit will be permitted for operation or closed; and identifies the assigned operable unit, if applicable. A TSD group represents a combination of units that are combined for purposes of preparing a permit application or closure plan. The schedule of permitting activities or closures will be established by Ecology in cooperation with the EPA and DOE. Some TSD groups/units, primarily land disposal units, are included within operable units (see Section 3.3 below) and will be addressed concurrently with past-practice activities as defined in Section 5.5. A further discussion of TSD groups/units is provided in Section 6.0.

3.3 PAST-PRACTICE UNITS

A past-practice unit is a waste management unit where wastes or substances (intentionally or unintentionally) have been disposed and that is not subject to regulation as a TSD unit as specified in Section 3.2.

Due to the relatively large number of past-practice units at the Hanford Site, a process has been established for organizing these units into groups called operable units. The concept of operable units is to group the numerous units (primarily by geographic area) into manageable components for investigation and response action and to prioritize the cleanup work to be done at the Site.

The ~~Waste Information Data System (~~WIDS~~)~~ (see Section 3.5) contains information on waste management units that was used to support the development of operable units. This information, combined with operable unit identification and prioritization criteria described in

this section, resulted in the initial designation of approximately 75 operable units across the Hanford Site. ~~The Hanford Operable Units Report (currently titled "Preliminary Operable Units Designation Project") documents the assignment of units to operable units and prioritizes the operable units. The Hanford Operable Units Report is discussed further in Section 7.0.~~ Each of the operable units will be subject to an investigation in the form of either a CERCLA or a RCRA past-practice process as described in Sections 7.3 and 7.4, respectively. Appendix C includes a ~~current~~ list of all the past-practice units on the Hanford Site by operable unit. In addition, current listings of all past-practice units on the Hanford Site are maintained electronically in the WIDS.

Some TSD units, primarily land disposal units, will be investigated and managed in conjunction with past-practice units and have been assigned to appropriate operable units (see Appendix B for current assignment of TSD groups/units to operable units). The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to efficiently implement applicable regulations. Those TSD units not assigned to an operable unit are typically treatment or storage units that are likely to be "clean closed" as described in Section 6.3.1.

Individual past-practice units (and selected TSD units) have been assigned to a specific operable unit based on the following criteria:

- General patterns of waste disposal from specific process sources
- Spatial relationship to other waste units
- Contribution to the same groundwater contaminant plume
- Physical characteristics of area (e.g., geologic/hydrogeologic)
- Access considerations (e.g., buildings, buried pipes)
- Anticipation of similar remedial action strategy (economy of scale)
- Reasonable number of total units to effectively manage.

In addition to the operable units discussed above, groundwater operable units can be established where multiple sources from different operable units have contributed to the same plume. Operable units that are associated with a groundwater operable unit are referred to as source operable units. The schedule for investigation of each groundwater operable unit will coincide with the schedule for investigation of the source operable unit that is the major contributor to the plume. Other associated source operable units that are lower priority will be investigated at a later time, in accordance with the established criteria for prioritization of operable units.

3.4 PRIORITIZATION

This section describes the bases for prioritizing operable units and those TSD groups/units that are not included within operable units.

3.4.1 Prioritization of Operable Units

Operable units are prioritized based on an initial assessment of risk potential to ensure that action is focused on the greater hazard. Criteria for evaluating and remediating potential hazards include the following information:

- Volume of wastes or hazardous substances
- Hazardous substances identification and concentration
- Toxicity or health effects of the hazardous substances
- Potential for migration to receptors via all environmental pathways.

In addition, the following factors are used to determine priority:

- Available technology to investigate or remediate the operable unit
- Operation consideration (e.g., timing of decommissioning activities)
- Consideration to those operable units that include TSD units.

Based on the criteria listed above, and to focus resources on waste sites near the river, the operable units in the 100 and 300 Area have been given high priority and investigations are nearing completion. The first six operable units to be investigated in the 200 Area have been determined based on the criteria listed above. Subsequent 200 Area operable units will be prioritized based on the above criteria as well as on information gained during the initial investigations. Prioritization of investigations of 200 Area operable units is outlined in the work schedule located in Appendix D. ~~T~~Closure of the single-shell tanks ~~operable units are~~is not addressed under the past-practice process and will be addressed under the RCRA closure program (see Appendix B).

~~Appendix C, lists the current priority of operable units for investigation. This is based on currently available information and data. As new information and data become available, these priority assignments may be modified. The Hanford Operable Units Report provides the rationale and justification for the prioritization of the operable units. This priority is the basis for the work schedule (Appendix D). Procedures for modification of Appendix C are described in Section 12.0.~~

~~The highest priority operable units have been individually ranked and scheduled for investigation, whereas the remaining operable units have been prioritized into groups (see~~

~~Appendix C). The single-shell tank operable units are unique and will be addressed separately as part of a supporting work plan.~~

3.4.2 Prioritization of Treatment, Storage, and Disposal Units

All TSD groups/units are subject to a permitting and/or closure process described in Section 6.0. Those TSD groups/units assigned to an operable unit will be prioritized in conjunction with past-practice priorities for purposes of investigation. The order in which permit applications or closure plans will be developed for the remaining TSD groups/units is based on consideration of the following criteria.

! Environmental Risk. The risk to public health and environment is the most important consideration. Any action that will significantly reduce the risk to public health and/or the environment will be considered the highest priority.

! Waste Minimization. Waste minimization is central to the goal of reducing environmental risks and bringing about environmental compliance for continuing operations and for new units at the Hanford Site. Therefore, the parties agree that Ecology's "Priority Waste Management Policy" (Ecology 86-07), established pursuant to CH. 70.105.150 RCW, shall be adhered to as guidance for purposes of establishing permitting priorities, in addition to evaluating proposed changes in operational procedures, and for the development and implementation of new waste management strategies. This policy defines the following prioritized actions: (1) waste reduction, (2) recycling, (3) treatment, (4) stabilization, and (5) land disposal.

! Permit Application Dates Required by Law. The Hazardous and Solid Waste Amendments of 1984 (HSWA) mandated dates for submittal of Part B permit applications. The dates for submitting dangerous waste (excluding mixed waste units) Part B permit applications were as follows:

- Land disposal units: November 8, 1985
  (all required Part B applications were submitted prior to this date)

- Incineration units: November 8, 1986
  (not applicable for the Hanford Site)

- Treatment and storage units: November 8, 1988.

Part A permit applications for all mixed waste units that will be operating under interim status were due by May 23, 1988 (this date was met for all such known units). Part B permit applications for the disposal of mixed waste to land disposal units were due by November 23, 1988 (this date was met for all such known units), including the certification statement required by Section 3005(e)(2) of RCRA, that

the unit is in compliance with the interim status groundwater monitoring requirements. There are no statutory Part B permit application dates for mixed waste treatment and storage units.

! Operational Requirements. Some operational considerations are important for maintaining or achieving environmental compliance, continuation of Hanford Site operations, or achieving cleanup in a cost-effective manner. Examples of such operational considerations include permitting a treatment unit for operation or accelerating closure actions to complement decontamination and decommissioning of related structures.

3.5 WASTE INFORMATION DATA SYSTEM ~~AND HANFORD SITE~~ WASTE MANAGEMENT UNITS REPORT

The Waste Information Data System (WIDS) is the ~~official repository~~ electronic database of waste site information for the Hanford Site. The WIDS identifies all waste management units on the Hanford Site, and describes the current status of each unit (e.g., active/ inactive, TSD, CERCLA past-practice or RCRA past-practice), and includes other descriptive information (e.g., location, waste types.) The system is maintained by the DOE in accordance with the WIDS change control system, which documents and traces all additions, deletions and/or other changes dealing with the status of waste management units.

The information in WIDS reflects Appendix C, which contains the official list of waste sites and/or releases which require remedial investigation or action under §120 of CERCLA.

A waste management units report, in a format agreed upon by the Parties, shall be generated annually by the DOE in January of each year, and posted electronically for regulator and public access. This report shall reflect all changes made in waste management unit status during the previous year.

5.0 INTERFACE OF REGULATORY AUTHORITIES

5.1 REGULATORY PROGRAMS

The RCRA, CERCLA, and State Dangerous Waste Program overlap in many areas. In general, CERCLA was created by Congress to respond to the release of hazardous substances and to investigate and respond to releases and potential releases from past-practice activities. The RCRA and State Dangerous Waste Program were created to prevent releases at active facilities that generate, store, treat, transport, or dispose of hazardous wastes ~~or hazardous constituents~~. The RCRA, as amended by HSWA, also provides for corrective action for releases at RCRA facilities regardless of time of release. This section is intended to clarify how these various programs will interface to achieve an efficient regulatory program.

Regulatory authority shall remain with the regulatory agency having legal authority for those decisions, regardless of whether that agency is the lead regulatory agency for the work (see Section 5.6 for lead regulatory agency concept). The lead regulatory agency shall oversee the work, and brief and obtain any necessary approvals from the agency with regulatory authority. For example, where Ecology is the lead regulatory agency at a CERCLA site, it shall brief EPA as necessary to obtain EPA approval before a remedial action is selected.

5.2 CATEGORIES OF WASTE UNITS

There are three categories of units and related statutory or regulatory authorities that will be addressed under this action plan. These categories are TSD unit, RCRA past-practice (RPP) unit, and CERCLA past-practice (CPP) unit, and are defined as follows.

5.2.1 Treatment, Storage, and Disposal Unit

~~This is a unit that has received or is currently receiving RCRA hazardous waste and hazardous constituents after November 19, 1980.~~ This is a unit that has treated, stored or disposed of RCRA hazardous waste ~~and hazardous constituents~~ after November 19, 1980 or State-only ~~hazardous~~ dangerous waste~~, as defined in 173-303-WAC~~, after March 12, 1982, or that is currently treating, storing, or disposing of RCRA hazardous waste ~~and hazardous constituents~~ or State-only dangerous waste. ~~;~~ It also includes units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC (waste accumulation times that do not require permitting). The TSD units are those that must receive a RCRA permit for operation or postclosure care and/or that must be closed to meet State standards. Section 6.0 describes the processes to be used to permit and/or close TSD units.

5.2.2 RCRA Past-Practice Unit

The purpose of this category is to address releases of RCRA hazardous wastes or constituents from sources other than TSD units at the Hanford Site regardless of the date of waste receipt at the unit. This includes single-incident releases at any location on the Site and corrective action beyond the Site boundary. Corrective action will be conducted under the

authorized state HWMA corrective action program. Corrective action authority is based on three separate components of HSWA as follows:

- RCRA Section 3004(u). Section 3004(u) of RCRA provides authority for corrective action at solid waste management units at a facility seeking a RCRA permit. This includes units that received any solid waste, as defined in 40 CFR Part 261.2, including RCRA hazardous wastes ~~or hazardous constituents~~, at any time. ~~Hazardous constituents are those that are listed in 40 CFR Part 261 Appendix VIII.~~ Those waste management units that will be addressed as RPP units under Section 3004(u) are so designated in Appendix C.

- RCRA Section 3004(v). RCRA Section 3004(v) specifies that corrective action to address releases from a RCRA facility will extend beyond the physical boundaries of the Site, to the extent necessary to protect human health and the environment. Section 3004(v) does not apply to releases within the boundary of the Hanford Site.

- RCRA Section 3008(h). RCRA Section 3008(h) is a broad corrective action authority that is applicable to the Hanford Site as long as RCRA interim status is maintained. It is more expansive than RCRA Section 3004(u), in that it can be used to address corrective action for any release of RCRA hazardous waste or constituents, including single-spill incidents, and can be used to address releases that migrate offsite.

5.2.3 CERCLA Past-Practice Unit

The CPP units include units that have received hazardous substances, as defined by CERCLA, irrespective of the date such hazardous substances were placed at the unit. Those waste management units that will be addressed as CPP units are so designated in Appendix C .

For the purposes of this action plan, it is necessary to distinguish between a CPP unit, a RPP unit, and a TSD unit. Any TSD unit, as defined in Section 5.2.1, will be classified as a TSD unit, rather than a CERCLA unit, even if it is investigated in conjunction with CPP units. The CPP and RPP units will be distinguished in accordance with Section 5.4.

5.3 MANAGEMENT OF TREATMENT, STORAGE, AND DISPOSAL UNITS

As previously stated, TSD units are identified in Appendix B. Any additional TSD units that are subsequently identified shall be added to Appendix B in accordance with the process described in Section 12.2.

Unless closed in accordance with Sections 6.3.1 or 6.3.3, TSD units shall be permitted for either operation or postclosure care pursuant to the authorized State Dangerous Waste Program (173-303 WAC) and HSWA. Prior to permitting or closure of TSD units, DOE shall achieve (in accordance with the work schedule contained in Appendix D) and maintain compliance with

applicable interim status requirements. All TSD units that undergo closure, irrespective of permit status, shall be closed pursuant to the authorized State Dangerous Waste Program in accordance with 173-303-610 WAC.

5.4 MANAGEMENT OF PAST-PRACTICE UNITS

This section describes the rationale for placing units in either a RCRA or a CERCLA past-practice category for corrective action as defined below. In many cases, either authority could be used with comparable results. The categories are as follows:

- The CPP units, (see Section 7.3)
- The RPP units, under the authorized state corrective action program (see Section 7.4).

Since the Hanford Site was proposed for inclusion on the National Priorities List (NPL) (Federal Register, June 24, 1988), and was placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989), the parties agree that any units managed as RPP units shall address all CERCLA hazardous substances for the purposes of corrective action. The parties agree that all of the wastes regulated under the State Dangerous Waste Program (173-303 WAC) shall be addressed as part of any CERCLA response action or RCRA corrective action.

Section 121 of CERCLA, with provision for waivers in a limited number of circumstances, requires that remedial actions attain a degree of cleanup that meets "applicable or relevant and appropriate Federal and State environmental requirements" (ARAR). Accordingly, (1) all State-only hazardous wastes will be addressed under CERCLA, and (2) RCRA standards for cleanup or TSD requirements (as well as other applicable or relevant and appropriate Federal and State regulations) will be met under a CERCLA action (See Section 7.5 for further discussion of cleanup requirements). This eliminates many discrepancies between the two programs and lessens the significance of whether an operable unit is placed in one program or the other.

All past-practice units within an operable unit will be designated as either RPP units, with Ecology as the lead regulatory agency, or CPP units, with either the EPA or Ecology as the lead regulatory agency (See Appendix C). This designation will ensure that only one past-practice program will be applied at each operable unit. The corrective action process selected for each operable unit shall be sufficiently comprehensive to satisfy the technical requirements of both statutory authorities and the respective regulations.

If an operable unit consists primarily of past-practice units (i.e., no TSD units or relatively insignificant TSD units), CERCLA authority will generally be used for those past-practice units. The CERCLA authority will also be used for past-practice units in which remediation of CERCLA-only materials comprises the majority of work to be done in that operable unit. In some cases Ecology will be the lead regulatory agency for remedial action under CPP authority.

The RPP authority will generally be used for operable units that contain significant TSD units and/or lower priority past-practice units.

Currently assigned RPP and CPP designations are shown in Appendix C. Further assignments will be made in accordance with Section 12.2 prior to initiation of any actions for those operable units.

The EPA and Ecology shall jointly determine whether an operable unit will be managed under the authority of RPP or CPP. Such designation may be changed due to the discovery of additional information concerning the operable unit. If a change in authority is proposed after the Remedial Investigation/ Feasibility Study (RI/FS) or RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) work plan, as described in Section 7.0, has been submitted to the lead regulatory agency (see Section 5.6 on discussion of lead regulatory agency), the change requires the agreement of all parties.

5.5 TREATMENT, STORAGE, AND DISPOSAL UNITS AND PAST-PRACTICE UNITS INTERFACE

In some cases, TSD units are closely associated with past-practice units at the Hanford Site, either geographically or through similar processes and waste streams. Although disposition of such units must be managed in accordance with Section 6.0, a procedure to coordinate the TSD unit closure or permitting activity with the past-practice investigation and remediation activity is necessary to prevent overlap and duplication of work, thereby economically and efficiently addressing the contamination. In Appendix B, selected TSD groups/units, primarily land disposal units, have been initially assigned to operable units based on the criteria defined in Section 3.3. The information necessary for performing RCRA closures/postclosures within an operable unit will be provided in various RFI/CMS documents. The initial work plan will contain a Sampling and Analysis Plan (SAP) for the associated RCRA units and it will outline the manner in which RCRA closure/postclosure plan requirements will be met in the work plan and subsequent documents. The selected closure/postclosure method and associated design details will (unless otherwise agreed to by the parties) be submitted as part of the CMS report at a later date, as specified in the work plan. The proposed closure/postclosure activities contained in the CMS report will: (1) meet RCRA closure standards and requirements, (2) be consistent with closure requirements specified in the Hanford Site-Wide (RCRA) permit, and (3) be coordinated with the recommended remedial action(s) for the associated operable unit. Additionally, the closure/ postclosure implementation schedule will reflect an overall prioritization between closure/ postclosure and other remedial activities within the subject operable unit, considering environmental protection, health and safety, availability of technology, etc. Each RFI/CMS closure document will be structured such that RCRA closure requirements can be readily identified for a separate review/approval process and RCRA closure/postclosure requirements can be incorporated in the RCRA Permit. If at a later date TSD groups/units need to be deleted from or added to an operable unit, the procedures defined in Section 12.2 will be used.

Ecology, the EPA, and DOE agree that past-practice authority may provide the most efficient means for addressing mixed-waste groundwater contamination plumes originating from

a combination of TSD and past-practice units. However, in order to ensure that TSD units within the operable units are brought into compliance with RCRA and State hazardous waste regulations, Ecology intends, subject to part four of the Agreement, that all response or corrective actions, excluding situations where there is an imminent threat to the public health or environment as described in Section 7.2.3, will be conducted in a manner which ensures compliance with the technical requirements of the HWMA (Chapter 70.105 RCW and its implementation regulations). In any case, the parties agree that CERCLA remedial actions and, as appropriate, HSWA corrective measures will comply with ARARs.

5.6 LEAD REGULATORY AGENCY CONCEPT

The EPA and Ecology have selected a lead regulatory agency approach to minimize duplication of effort and maximize productivity. Either the EPA or Ecology will be the lead regulatory agency for each operable unit, TSD group/unit or milestone.

The lead regulatory agency for a specific operable unit, TSD group/unit or milestone will be responsible for overseeing the activities covered by this action plan that relate to the successful completion of that milestone or activities at that operable unit or TSD group/unit, ensuring that all applicable requirements are met. However, the EPA and Ecology retain their respective legal authorities. The lead regulatory agency shall brief and obtain any necessary approvals from the agency with regulatory authority in accordance with the EPA/Ecology MOU. Regulatory oversight activity, including preparation of responses to documents submitted by the DOE, will be performed by the lead regulatory agency for each operable unit, TSD group/unit or milestone. The non-lead regulatory agency will not assign staff to provide any oversight or support.

The assignment of the lead regulatory agency for an operable unit, TSD group/unit or milestone will be based on the following criteria.

- The EPA will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that contain no TSD units or that contain low-priority TSD units
  - Operable units that contain primarily CERCLA-only materials.
- Ecology will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that consist of major TSD units, with limited past-practice units
  - Operable units that contain higher priority TSD units and lower priority past-practice units.

- Ecology will be lead regulatory agency for all TSD units and TSD groups.

In some cases, the above criteria may overlap, such that either the EPA or Ecology could be assigned as the lead regulatory agency. In this situation, other criteria would be used, such as available resources to undertake additional work in a timely manner, the designation and characteristics of an adjoining operable unit, or whether the characteristics of a given operable unit are similar to the characteristics of another operable unit that has already been managed by either agency.

Currently assigned lead regulatory agency designations are shown in Appendix C for each operable unit. Additional assignments will be made in accordance with Section 12.0 prior to any action on the operable unit, TSD group/unit or milestone. The lead regulatory agency shall maintain its role through completion of all required actions.

The decision as to which regulatory agency will assume the lead role will be a joint determination by the EPA and Ecology (see Paragraph 88 of this Agreement). Such determinations are subject to change based on additional information subsequently discovered concerning an operable unit, or for any other reason, as agreed upon by the EPA and Ecology. The parties intend that once the lead regulatory agency has been assigned, the lead regulatory agency designation will not change except for an extreme circumstance.

5.7 INTEGRATION WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

The purpose of the NEPA requirements is to ensure that potential environmental impacts of investigation and cleanup activity are assessed. These assessments, when determined to be required, will be made primarily as part of the CERCLA response action and RCRA corrective action processes. These processes will be supplemented, as necessary, to ensure compliance with NEPA requirements.

6.0 TREATMENT, STORAGE, AND DISPOSAL UNIT PROCESS

6.1 INTRODUCTION

This section discusses the requirements of RCRA and the State of Washington Hazardous Waste Management Act, Chapter 70.105 RCW, and pertains to all units that were used to store, treat, or dispose of RCRA hazardous waste ~~and hazardous constituents~~ after November 19, 1980; State-only hazardous waste after March 12, 1982; and units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC.

A list of these units, or grouping of units, is provided in Appendix B. Section 3.0 identifies the criteria by which these units will be scheduled for permitting and closure actions.

Some of the TSD groups/units (primarily land disposal units) have been included in operable units, as discussed in Section 3.3~~, and will in most cases be investigated on a separate priority schedule, as discussed in Section 3.4~~. The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to implement applicable regulations as discussed in Section 5.5.

Some of the TSD groups/units (primarily those located within large processing facilities) will be integrated with the disposition of the facility, and therefore closed in accordance with the process defined in Section 8.0. These units are those that have physical closure actions that need to be done in conjunction with the physical disposition actions in the facility (e. g. removal of structural components). Even though TSD units are closed in accordance with Section 8.0, applicable requirements defined in this section still apply (e.g. 6.5 Quality Assurance).

Currently identified actions necessary to bring TSD units into compliance with Federal and State laws are identified in the work schedule (see Appendix D) including necessary interim milestones. These interim milestones are consistent with the major milestones for achieving interim status compliance requirements specified in Section 2.4. A schedule for completing interim status compliance actions is provided as part of Appendix D.

The RCRA land disposal restrictions (LDR) require that established treatment requirements be met prior to land disposal of hazardous wastes. While treatment capacity generally exists for the nonradioactive hazardous wastes which are subject to LDR, treatment is currently not available for the mixed wastes subject to LDR which require storage at the Hanford Site.

Ecology has received authorization from EPA to implement certain LDR provisions of RCRA pursuant to Section 3006 of RCRA. Accordingly, these authorized state provisions are effective in lieu of the Federal requirements. Both EPA and Ecology anticipate that Ecology will receive authorization for the additional LDR provisions in the future. EPA and Ecology intend to use the LDR provisions under M-26 and other HSWA provisions which have comparable state

analogs that have not yet been authorized as an example of regulatory streamlining at the Hanford Site, by designating Ecology as the lead regulatory agency for those provisions under applicable state law.

This includes review and approval of LDR annual reports, plans, and schedules for compliance with M-26-00. While EPA must retain legal authority over portions of the LDR which are not yet authorized to the state, EPA will not assign staff to oversee the routine completion of activities related to M-26-00. In the event that EPA involvement in a specific matter is requested by Ecology or is otherwise necessary, Ecology staff will brief EPA and EPA will become involved to the extent necessary to help resolve that specific matter. EPA and Ecology intend that such involvement on the part of EPA will be the exception, rather than the rule.

In accordance with Milestone M-26-00, DOE has submitted the "Hanford Land Disposal Restrictions Plan for Mixed Wastes," (LDR Plan) to Ecology, as the lead regulatory agency. This plan describes a process for managing mixed wastes subject to LDR at the Hanford Site and identifies actions which will be taken by DOE to achieve full compliance with LDR requirements.

These actions will be taken in accordance with approved schedules specified in the LDR Plan and in the Work Schedule (Appendix D). The DOE will submit annual reports which shall update the LDR Plan and the prior annual report, including plans and schedules. The annual report will also describe activities taken to achieve compliance and describe the activities to be taken in the next year toward achieving full compliance. The LDR Plan and annual reports are primary documents, subject to review and approval by Ecology. Ecology also has approval authority for schedules in the LDR Plan and annual reports. Changes to approved final schedules must be made in accordance with the Change Control System described in Section 12.0.

6.2 TREATMENT, STORAGE, AND DISPOSAL PERMITTING PROCESS

The Hanford Site has been assigned a single identification number for use in State Dangerous Waste Program/RCRA permitting activity. Accordingly, the Hanford Site is considered to be a single RCRA facility, although there are numerous unrelated units spread over large geographic areas on the Site.

Since all of the TSD groups/units cannot be permitted simultaneously, Ecology and the EPA will issue the initial permit for less than the entire facility. This permit will eventually grow into a single permit for the entire Hanford Site. The Federal authority to issue a permit at a facility in this manner is found in 40 CFR 270.1(c)(4). Any units that are not included in the initial permit will normally be incorporated through a permit modification. At the discretion of Ecology and EPA, the permit revocation and reissuance process may be used.

The process of permit modification is specified in 173-303-830 WAC and 40 CFR 270.41. A permit modification does not affect the term of the permit (a permit is generally issued for a

term of 10 years). Proposed modifications are subject to public comment, except for minor modifications as provided in 173-303-830(4) WAC and 40 CFR 270.42.

The process of revocation and reissuance is specified in 173-303-830 WAC and 40 CFR 270.41. Revocation and reissuance means that the existing permit is revoked and an entirely new permit is issued, to include all units permitted as of that date. In this case, all conditions of the permit to be reissued would be open to public comment and a new term (10 years in most cases) would be specified for the reissued permit.

Figure 6-1 depicts a flowchart for processing all operating permits for TSD groups/units and for processing postclosure permits for TSD groups/units that will close with hazardous wastes or constituents left in place. The permitting process applies to existing units, expansion of units under interim status, and new units (units that do not have interim status and must have a permit prior to construction).

Ecology shall normally be responsible for drafting permit conditions, including those related to HSWA requirements. Until the HSWA provisions have been delegated from EPA to Ecology through the authorization process, EPA will maintain final approval rights for those permit conditions pursuant to HSWA authority that have not been delegated. Therefore, certain conditions of the joint permit will be enforceable by Ecology, others will be enforceable by EPA, and some conditions will be enforceable by both agencies. The permit will identify which conditions are enforceable by each agency.

Disputes concerning any HWMA requirements, will be addressed in accordance with Article VIII of the Agreement.

Ecology will have the responsibility for drafting the permit and permit modifications for all TSD groups/units, ensuring that the Part B permit application is complete, and preparing the Notices of Deficiency (NOD) to the DOE.

The Part B permit application is a primary document, as defined in Section 9.1. The review procedures, as specified in Section 9.2.2, will be followed. In the event that issues cannot be resolved through the NOD process, the appropriate dispute resolution process can be invoked.

Section 3004(u) of RCRA requires that all solid waste management units be investigated as part of the permit process. The statute provides that the timing for investigation of such units may be in accordance with a schedule of compliance specified in the permit. The parties have addressed the statutory requirement through the preliminary identification and assignment of all known past-practice units to specific operable units (see Section 3.0). These operable units have been prioritized and scheduled for investigation in accordance with the work schedule (Appendix D). It is the intent of all parties that this requirement be met through incorporation of applicable portions of this action plan into the RCRA permit. This will include reference to specific schedules for completion of investigations and corrective actions.

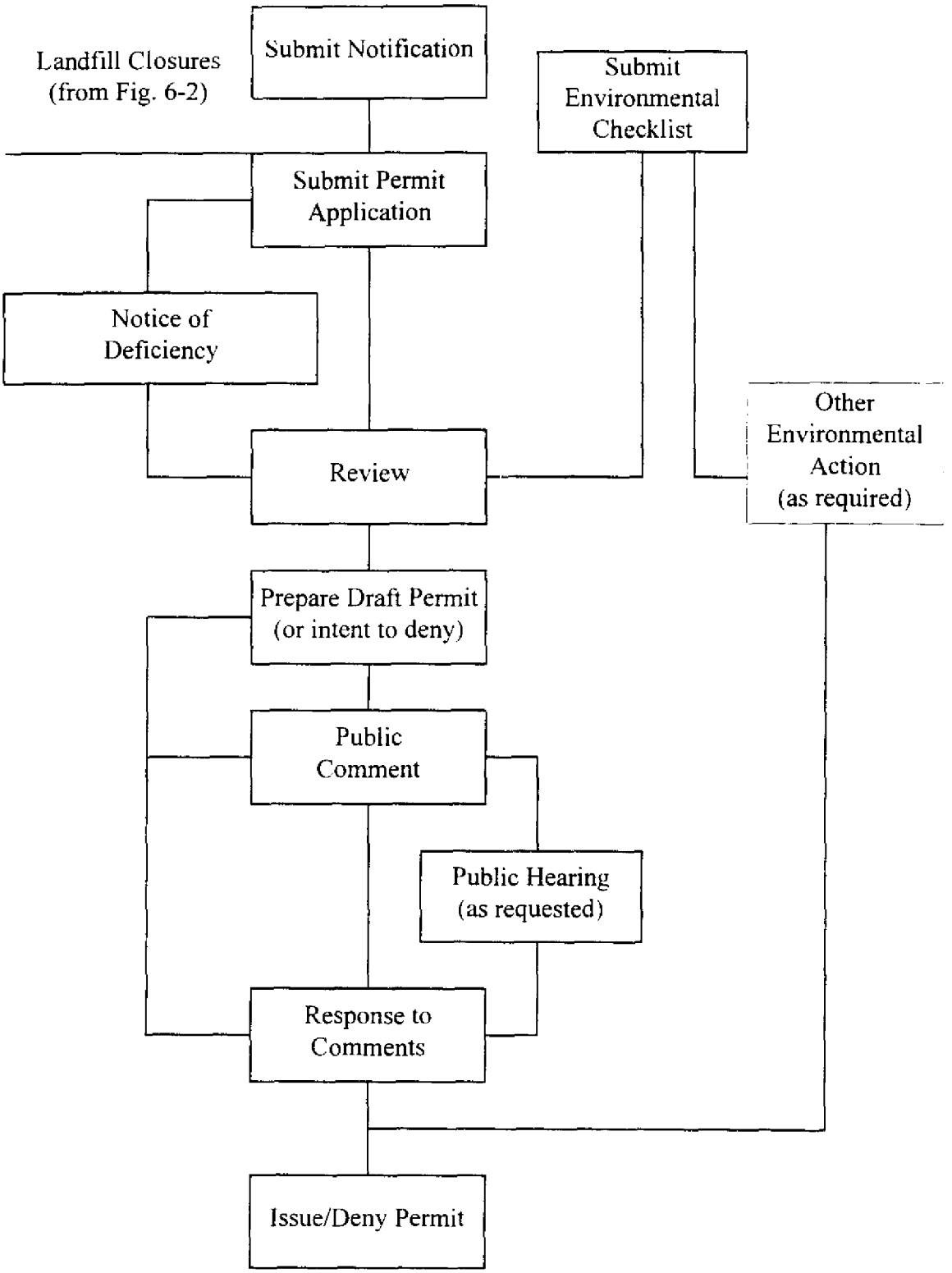

Figure 6-1. Permitting Process Flowchart.

Ecology, the EPA, and DOE will follow all current versions of applicable Federal and State statutes, regulations, guidance documents, and written policy determinations that pertain to the permitting process, including postclosure permits, for TSD groups/units. Public participation requirements for permitting TSD groups/units will be met and are addressed in Section 10.0.

6.3 TREATMENT, STORAGE, AND DISPOSAL CLOSURE PROCESS

The DOE will follow applicable Federal and State statutes, regulations and guidance documents, and written policy determinations that pertain to the closure process for TSD groups/units.

The TSD units containing mixed waste will normally be closed with consideration of all hazardous substances, which includes radioactive constituents. Hazardous substances not addressed as part of the TSD closure may be addressed under ~~CERCLA~~-past-practice ~~(CPP)~~ authority in accordance with the process defined in Section 7.0.

The following are examples of when a unit may be closed without addressing all hazardous substances (e.g., radioactive waste).

- For treatment or storage units within a radioactive structure ~~[~~(e.g., the Plutonium/Uranium Extraction ~~([~~PUREX~~)]~~ Plant~~]~~) it may be possible to remove all hazardous wastes and "clean close" (see Section 6.3.1). The radioactive constituent would then remain for a future decontamination and decommissioning effort of the entire structure.

- For a land disposal unit being closed in conjunction with an operable unit, initial investigation may show that the unit no longer contains hazardous waste or constituents. Therefore, the unit may be "clean closed" with no physical closure action. Any remaining CERCLA-only materials would be addressed as part of the past-practice process as designated for that operable unit.

Figure 6-2 depicts a flowchart of the closure process for TSD units. Two types of closures are shown.

6.3.1 Clean Closure

In some cases, it may be possible to remove all hazardous wastes and constituents associated with a TSD unit and thereby achieve "clean closure." The process to complete clean closure of any unit will be carried out in accordance with all applicable requirements described in 173-303 WAC and 40 CFR 270.1. Any demonstration for clean closure of a disposal unit, or selected treatment or storage units as determined by the lead regulatory agency, must include documentation that groundwater and soils have not been adversely impacted by that TSD group/unit, as described in 173-303-645 WAC.

Figure 6-2. Closure Process Flowchart.

After completion of clean closure activities, a closed storage unit may be reused for generator accumulation (less than 90 day storage).

6.3.2 Closure as a Land Disposal Unit

If clean closure, as described above, cannot be achieved, the TSD unit will be closed as a land disposal unit. The process to close any unit as a land disposal unit will be carried out in accordance with all applicable requirements described at 173-303 WAC. In order to avoid duplication under CERCLA for mixed waste, the radionuclide component of the waste will be addressed as part of the closure action.

In the case of closure as a land disposal unit, a postclosure permit will be required. The postclosure permit will cover maintenance and inspection activities, groundwater monitoring requirements, and corrective actions, if necessary, that will occur during the postclosure period. The postclosure period will be specified as 30 years from the date of closure certification of each unit, but can be shortened or lengthened by Ecology at any time in accordance with 173-303-610 WAC. The closure plan will be submitted in conjunction with the Part B postclosure permit application, unless the parties agree otherwise. If a unit is to be closed as a land disposal unit prior to issuance of a permit for postclosure, an interim status postclosure plan will accompany the closure plan.

6.3.3 Procedural Closure

This is used for those units which were classified as being TSD units, but were never actually used to treat, store, or dispose of hazardous waste, including mixed waste, except as provided by 173-303-200 WAC or 173-303-802 WAC. This action requires that Ecology be notified in writing that the unit never handled hazardous wastes. Such information must include a signed certification from the DOE, using wording specified in 173-303-810(13) WAC. Ecology will review the information as appropriate (usually to include an inspection of the unit) and send a written concurrence or denial to the DOE. If denied, permitting and/or closure action would then proceed, or the dispute resolution process would be invoked.

6.3.4 Expansion of Hanford Facility Waste Management Capacity Due to the Discontinuation of Process Operations

Many Hanford Site operations include systems that use chemical materials and/or solutions to perform required functions. When these systems are permanently removed from service, the chemical materials and/or solutions that no longer have a use may be considered a waste subject to the provisions of the dangerous waste regulations. For those systems that contain chemical materials and/or solutions that are considered waste, the components of the systems that contain this waste become subject to the Resource Conservation and Recovery Act (RCRA) permitting requirements of the Washington Administrative Code (WAC) 173-303 if the waste is managed for greater than 90 days. For facilities that have received a shut-down notice (facilities being transitioned), these system components (e.g., tanks and ancillary equipment) may be added to the Hanford Facility RCRA Dangerous Waste Part A Permit without providing notification required

by WAC 173-303-281, provided that these components have no further waste management mission prior to RCRA closure or deactivation as addressed in Section 8.0.

6.4 RESPONSE TO IMMINENT AND SUBSTANTIAL ENDANGERMENT CASES

The State of Washington Dangerous Waste Regulations, 173-303-960 WAC, addresses actions to abate an imminent and substantial endangerment to the health or the environment from the releases of dangerous or solid wastes. Ecology will require DOE to either take specific action to abate an identified danger or threat, or will require a specific submittal date for DOE to propose an abatement method.

See Section 7.2.3 for information concerning responses to imminent and substantial endangerment cases at past-practice sites.

6.5 QUALITY ASSURANCE

The level of quality assurance and quality control (QA/QC) for the collection, preservation, transportation, and analysis of each sample which is required for implementation of this Agreement shall be dependent upon the data quality objectives for the sample. Such data quality objectives shall be specified in RCRA closure plans, the RCRA permit, and any other relevant plans that may be used to describe sampling and analyses at RCRA TSD units.

The QA/QC requirements shall range from those necessary for non-laboratory field screening activities to those necessary to support a comprehensive laboratory analysis that will be used in final decision-making. This range of QA/QC options is included in the "Data Quality Strategy for Hanford Site Characterization" (as listed in Appendix F). This document is subject to approval by EPA and Ecology.

Based upon the data quality objectives, the DOE shall comply with EPA guidance documents for QA/QC and sampling and analysis activities which are taken to implement the Agreement. Such guidance includes:

- "Guidelines and Specifications for Preparing Quality Assurance Program Plans" (QAMS-004/80);
- "Interim Guidance and Specifications for Preparing Quality Assurance Project Plans" (QAMS-005/80);
- "Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003 and 004); and
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (EPA/SW-846).

In some instances, RCRA TSD units are included in operable units and are scheduled for investigation and closure as part of the operable unit remedial action. DOE shall follow the provisions of Section 7.8 for QA/QC for sampling and analysis activities at these land disposal units.

In regard to QA requirements for construction of RCRA land disposal facilities, DOE shall comply with "Technical Guidance Document: Construction Quality Assurance for Land Disposal Facilities" (EPA/530-SW-86-031).

For analytical chemistry and radiological laboratories, the QA/QC plans must include the elements listed in "Guidance on Preparation of Laboratory Quality Assurance Plans" (as listed in Appendix F). DOE shall submit laboratory QA/QC plans to the lead regulatory agency for review as secondary documents prior to use of that laboratory. In the event that DOE fails to demonstrate to the lead regulatory agency that data generated pursuant to this Agreement was obtained in accordance with the QA/QC requirements of this section, including laboratory QA/QC plans, DOE shall repeat sampling or analysis as required by the lead regulatory agency. Such action by the lead regulatory agency shall not preclude any other action which may be taken pursuant to this Agreement. For other data, the lead regulatory agency may request DOE to provide QA/QC documentation. Any such data that does not meet the QA/QC standard required by this section shall be clearly flagged and noted to indicate this fact.

7.0 PAST PRACTICES PROCESSES

7.1 INTRODUCTION

This section has the following five purposes.

- Describe the processes that are common to both CPP units and RPP units (Section 7.2).
- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the CERCLA process (Section 7.3).
- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the RPP unit process (Section 7.4).
- Describe the process for setting cleanup standards for any CPP or RPP remedial action (Section 7.5).
- Describe the role of other Federal agencies in the investigation and remedial action processes (Sections 7.6 and 7.7).

Approximately ~~1,400~~ 1,200 waste management units have been identified within the boundaries of the 560-square mile Hanford Site. This includes approximately 1,000 past-practice units. Most past-practice units are located in two general geographic areas as identified by the DOE (the 100 and 200 Areas). Other past-practice units are located in the 300, 1100 and other areas of the Hanford Site.

The 100, 200, 300, and 1100 Areas were identified as aggregate areas for inclusion of the Hanford Site on the CERCLA NPL. Figure 7-1 reflects these geographic areas at the Hanford Site. Each of these areas has a unique environmental setting and waste disposal history. The four aggregate areas were proposed for inclusion on the NPL on June 24, 1988, and were placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989). The remaining past-practice units from other areas have been assigned to operable units within one of the four aggregate areas for the purpose of investigation and subsequent action. Any future units that may be identified will also be assigned to operable units within an aggregate area.

Cleanup of past-practice units will be conducted pursuant to either the CERCLA process (Section 7.3) or RCRA process (Section 7.4). Figure 7-2 highlights the major steps involved in both the CPP and RPP programs and indicates how each of these steps is related to a comparable step in the other program. It shows that the steps of CERCLA are functionally equivalent to steps in the RPP program. Accordingly, the investigative process at any operable unit can proceed under either the CPP or the RPP program.

In accordance with Section 3.1, and discussed in Section 8.3, the parties may elect to include the disposition of facilities under the past-practices processes. Such actions can proceed under either

the CPP or the RPP Program.

7.2 PRELIMINARY PROCESSES

Section 5.4 describes the rationale for managing operable units under either the CPP or the RPP category. The following processes apply to all past-practice units, regardless of whether they are classified as RPP or CPP units.

7.2.1 Site-wide Scoping Activity

An ongoing scoping activity ~~will~~ is being conducted on a site-wide basis to maintain a current listing of operable unit boundaries and priorities. The ~~primary~~ vehicle for documentation of this activity ~~will be~~ is the Waste Information Data System (WIDS). The WIDS, as described in Section 3.5, ~~3.3, the Hanford Site Waste Management Units Report,~~ and Appendix C of this Action Plan will be updated as additional information becomes available.

Although initial operable unit boundaries have been identified (Appendix C), the site-wide scoping activity may reveal additional or new information that could impact ~~either~~ the designation of individual units within operable units or the priority in which operable units will be managed. Any such changes will require the written concurrence of the assigned executive managers for the DOE and the affected lead regulatory agency. If both EPA and Ecology are affected by this action, the written concurrence of both agencies will be required in accordance with the modification procedures described in Section 12.2.

The site-wide scoping activities will not impact the schedule of any other activities that are shown on the work schedule (Appendix D).

7.2.2 Operable Unit Scoping Activity

The operable unit scoping activity will be used to support the initial planning phase for each RI/FS (or RFI/CMS). Such activity and planning will result in an overall management strategy for each operable unit. In some cases, the operable unit management strategy may include facility dispositioning activities which will be integrated with this process as discussed under Section 8.3, "Decommissioning Process Planning." The DOE shall assemble and evaluate existing data and information about the individual waste management units within each operable unit. The data and information obtained during each operable unit scoping activity will be used to support the logic for the RI/FS (or RFI/CMS) work plan and, therefore, will be submitted as part of each work plan.

This scoping activity is not intended to be a mechanism for generation of new information except for site survey and screening activities described in Section 7.3.2, but a thorough and complete evaluation of existing data. The schedule for submittal of the work plans, as specified in the work schedule (Appendix D), allows time for inclusion of the scoping activity.

The following is a list of specific scoping activities that will be addressed in each RI/FS

(RFI/CMS) work plan:

3.0 UNIT IDENTIFICATION, CLASSIFICATION, AND PRIORITIZATION

3.1 INTRODUCTION

This section describes what constitutes a waste management unit at the Hanford Site. In addition, it describes how waste management units are classified, prioritized, and grouped for common investigation and response or corrective action.

A waste management unit represents any location within the boundary of the Hanford Site that may require action to mitigate a potential environmental impact. This would include all solid waste management units (SWMUs) as specified under Section 3004(u) of RCRA. These waste management units were previously defined in the Hanford Site Waste Management Units Report (see Section 3.5). Waste management units include the following:

- Waste disposal units (including RCRA disposal units)
- Unplanned release units (including those resulting from spills)
- Inactive contaminated structures
- RCRA treatment and storage units
- Other storage areas.

The parties recognize and agree that certain activities related to the stabilization and transition of facilities, before or after the shutdown decision has been made, through the final disposition of structures by DOE, are subject to RCRA, CERCLA or other regulatory controls related to the Agreement. The generation and/or discharge of (Ecology/EPA) regulated substances or wastes (including the treatment, storage and disposal of those substances or wastes) shall be subject to this Agreement. Appropriate specific requirements and/or Tri-Party Agreement Milestones for the completion of key activities that generate or discharge regulated substances or wastes shall be incorporated into the Action Plan. Agreed-upon key transition, surveillance and maintenance, and disposition activities not subject to Ecology/EPA regulation that are critical path to cleanup of an aggregate area will be established as target dates. The goal is to conduct regulated and nonregulated work in an orderly sequence to insure coordination with other cleanup actions. Section 8.0 defines the process for identification of key Hanford facilities, and the subsequent process for conducting their transition, surveillance and maintenance, and/or disposition. Facilities which are fully dispositioned under the RCRA closure process (see Section 3.2), or are dispositioned in conjunction with an operable unit cleanup (see Section 3.3), are not addressed under Section 8.0. DOE will enter into negotiations for transition or disposition of key facilities within three months of a shutdown notice or decision to proceed with disposition, respectively. Such negotiations will be completed within 6 months from initiation. If they are not, any party may initiate dispute resolution in accordance with this Agreement.

In the event that a contaminated structure is found to be the source of a release (or presents a substantial threat of a release) of hazardous substances or hazardous wastes, or hazardous constituents to the environment, the investigation and remediation of such a release (to include remediation of structures, as necessary), where subject to CERCLA or RCRA, shall be subject to this Agreement. Specific requirements shall be incorporated into the Action Plan as appropriate. Releases which have already been identified have been included in the Action Plan as waste management units and assigned to operable units (see Appendix C) and have been included in the Waste Information Data System (WIDS).).

As part of any action being taken under either RCRA or CERCLA for a contaminated structure, EPA and Ecology shall consider available information related to decommissioning activities, including environmental impact statements. All hazardous wastes generated by the decommissioning activities or stored at these storage areas shall be managed in accordance with applicable Federal and State hazardous waste regulations.

3.2 TREATMENT, STORAGE, AND DISPOSAL UNITS

Treatment, storage, and disposal units are those units which will be permitted (for operation and/or postclosure care) and/or closed, under the Washington State Dangerous Waste Regulations (173-303 WAC) and the applicable provisions of HSWA. Appendix B provides a current listing of these units, or group of units (with individual units defined); identifies whether the TSD group/unit will be permitted for operation or closed; and identifies the assigned operable unit, if applicable. A TSD group represents a combination of units that are combined for purposes of preparing a permit application or closure plan. The schedule of permitting activities or closures will be established by Ecology in cooperation with the EPA and DOE. Some TSD groups/units, primarily land disposal units, are included within operable units (see Section 3.3 below) and will be addressed concurrently with past-practice activities as defined in Section 5.5. A further discussion of TSD groups/units is provided in Section 6.0.

3.3 PAST-PRACTICE UNITS

A past-practice unit is a waste management unit where wastes or substances (intentionally or unintentionally) have been disposed and that is not subject to regulation as a TSD unit as specified in Section 3.2.

Due to the relatively large number of past-practice units at the Hanford Site, a process has been established for organizing these units into groups called operable units. The concept of operable units is to group the numerous units (primarily by geographic area) into manageable components for investigation and response action and to prioritize the cleanup work to be done at the Site.

The WIDS (see Section 3.5) contains information on waste management units that was used to support the development of operable units. This information, combined with operable unit identification and prioritization criteria described in this section, resulted in the initial

designation of approximately 75 operable units across the Hanford Site. Each of the operable units will be subject to an investigation in the form of either a CERCLA or a RCRA past-practice process as described in Sections 7.3 and 7.4, respectively. Appendix C includes a ~~current~~ list of all the past-practice units on the Hanford Site by operable unit. In addition, current listings of all past-practice units on the Hanford Site are maintained electronically in the WIDS.

Some TSD units, primarily land disposal units, will be investigated and managed in conjunction with past-practice units and have been assigned to appropriate operable units (see Appendix B for current assignment of TSD groups/units to operable units). The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to efficiently implement applicable regulations. Those TSD units not assigned to an operable unit are typically treatment or storage units that are likely to be "clean closed" as described in Section 6.3.1.

Individual past-practice units (and selected TSD units) have been assigned to a specific operable unit based on the following criteria:

- General patterns of waste disposal from specific process sources
- Spatial relationship to other waste units
- Contribution to the same groundwater contaminant plume
- Physical characteristics of area (e.g., geologic/hydrogeologic)
- Access considerations (e.g., buildings, buried pipes)
- Anticipation of similar remedial action strategy (economy of scale)
- Reasonable number of total units to effectively manage.

In addition to the operable units discussed above, groundwater operable units can be established where multiple sources from different operable units have contributed to the same plume. Operable units that are associated with a groundwater operable unit are referred to as source operable units. The schedule for investigation of each groundwater operable unit will coincide with the schedule for investigation of the source operable unit that is the major contributor to the plume. Other associated source operable units that are lower priority will be investigated at a later time, in accordance with the established criteria for prioritization of operable units.

3.4 PRIORITIZATION

This section describes the bases for prioritizing operable units and those TSD groups/units that are not included within operable units.

3.4.1 Prioritization of Operable Units

Operable units are prioritized based on an initial assessment of risk potential to ensure that action is focused on the greater hazard. Criteria for evaluating and remediating potential hazards include the following information:

- Volume of wastes or hazardous substances
- Hazardous substances identification and concentration
- Toxicity or health effects of the hazardous substances
- Potential for migration to receptors via all environmental pathways.

In addition, the following factors are used to determine priority:

- Available technology to investigate or remediate the operable unit
- Operation consideration (e.g., timing of decommissioning activities)
- Consideration to those operable units that include TSD units.

Based on the criteria listed above, and to focus resources on waste sites near the river, the operable units in the 100 and 300 Area have been given high priority and investigations are nearing completion. The first six operable units to be investigated in the 200 Area have been determined based on the criteria listed above. Subsequent 200 Area operable units will be prioritized based on the above criteria as well as on information gained during the initial investigations. Prioritization of investigations of 200 Area operable units is outlined in the work schedule located in Appendix D. Closure of the single-shell tanks is not addressed under the past-practice process and will be addressed under the RCRA closure program (see Appendix B).

3.4.2 Prioritization of Treatment, Storage, and Disposal Units

All TSD groups/units are subject to a permitting and/or closure process described in Section 6.0. Those TSD groups/units assigned to an operable unit will be prioritized in conjunction with past-practice priorities for purposes of investigation. The order in which permit applications or closure plans will be developed for the remaining TSD groups/units is based on consideration of the following criteria.

- Environmental Risk. The risk to public health and environment is the most important consideration. Any action that will significantly reduce the risk to public health and/or the environment will be considered the highest priority.

- Waste Minimization. Waste minimization is central to the goal of reducing environmental risks and bringing about environmental compliance for continuing operations and for new units at the Hanford Site. Therefore, the parties agree that Ecology's "Priority Waste Management Policy" (Ecology 86-07), established pursuant to CH. 70.105.150 RCW, shall be adhered to as guidance for purposes of establishing permitting priorities, in addition to evaluating proposed changes in operational procedures, and for the development and implementation of new waste management strategies. This policy defines the following prioritized actions: (1) waste reduction, (2) recycling, (3) treatment, (4) stabilization, and (5) land disposal.

- Permit Application Dates Required by Law. The Hazardous and Solid Waste Amendments of 1984 (HSWA) mandated dates for submittal of Part B permit applications. The dates for submitting dangerous waste (excluding mixed waste units) Part B permit applications were as follows:

  - Land disposal units: November 8, 1985
    (all required Part B applications were submitted prior to this date)

  - Incineration units: November 8, 1986
    (not applicable for the Hanford Site)

  - Treatment and storage units: November 8, 1988.

  Part A permit applications for all mixed waste units that will be operating under interim status were due by May 23, 1988 (this date was met for all such known units). Part B permit applications for the disposal of mixed waste to land disposal units were due by November 23, 1988 (this date was met for all such known units), including the certification statement required by Section 3005(e)(2) of RCRA, that the unit is in compliance with the interim status groundwater monitoring requirements. There are no statutory Part B permit application dates for mixed waste treatment and storage units.

- Operational Requirements. Some operational considerations are important for maintaining or achieving environmental compliance, continuation of Hanford Site operations, or achieving cleanup in a cost-effective manner. Examples of such operational considerations include permitting a treatment unit for operation or accelerating closure actions to complement decontamination and decommissioning of related structures.

3.5 WASTE INFORMATION DATA SYSTEM **WASTE MANAGEMENT UNITS REPORT**

The Waste Information Data System (WIDS) is the electronic database of waste site information for the Hanford Site. The WIDS identifies all waste management units on the Hanford Site, and describes the current status of each unit (e.g., active/ inactive, TSD, CERCLA past-practice or RCRA past-practice), and includes other descriptive information (e.g., location, waste types.) The system is maintained by the DOE in accordance with the WIDS change control system, which documents and traces all additions, deletions and/or other changes dealing with the status of waste management units.

The information in WIDS reflects Appendix C, which contains the official list of waste sites and/or releases which require remedial investigation or action under §120 of CERCLA.

A waste management units report, in a format agreed upon by the Parties, shall be generated annually by the DOE in January of each year, and posted electronically for regulator and public access. This report shall reflect all changes made in waste management unit status during the previous year.

5.0 INTERFACE OF REGULATORY AUTHORITIES

5.1 REGULATORY PROGRAMS

The RCRA, CERCLA, and State Dangerous Waste Program overlap in many areas. In general, CERCLA was created by Congress to respond to the release of hazardous substances and to investigate and respond to releases and potential releases from past-practice activities. The RCRA and State Dangerous Waste Program were created to prevent releases at active facilities that generate, store, treat, transport, or dispose of hazardous wastes or hazardous constituents. The RCRA, as amended by HSWA, also provides for corrective action for releases at RCRA facilities regardless of time of release. This section is intended to clarify how these various programs will interface to achieve an efficient regulatory program.

Regulatory authority shall remain with the regulatory agency having legal authority for those decisions, regardless of whether that agency is the lead regulatory agency for the work (see Section 5.6 for lead regulatory agency concept). The lead regulatory agency shall oversee the work, and brief and obtain any necessary approvals from the agency with regulatory authority. For example, where Ecology is the lead regulatory agency at a CERCLA site, it shall brief EPA as necessary to obtain EPA approval before a remedial action is selected.

5.2 CATEGORIES OF WASTE UNITS

There are three categories of units and related statutory or regulatory authorities that will be addressed under this action plan. These categories are TSD unit, RCRA past-practice (RPP) unit, and CERCLA past-practice (CPP) unit, and are defined as follows.

5.2.1 Treatment, Storage, and Disposal Unit

This is a unit that has treated, stored or disposed of RCRA hazardous waste after November 19, 1980 or State-only dangerous waste, after March 12, 1982, or that is currently treating, storing, or disposing of RCRA hazardous waste or State-only dangerous waste. It also includes units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC (waste accumulation times that do not require permitting). The TSD units are those that must receive a RCRA permit for operation or postclosure care and/or that must be closed to meet State standards. Section 6.0 describes the processes to be used to permit and/or close TSD units.

5.2.2 RCRA Past-Practice Unit

The purpose of this category is to address releases of RCRA hazardous wastes or constituents from sources other than TSD units at the Hanford Site regardless of the date of waste receipt at the unit. This includes single-incident releases at any location on the Site and corrective action beyond the Site boundary. Corrective action will be conducted under the authorized state HWMA corrective action program. Corrective action authority is based on three separate components of HSWA as follows:

- RCRA Section 3004(u). Section 3004(u) of RCRA provides authority for corrective action at solid waste management units at a facility seeking a RCRA permit. This includes units that received any solid waste, as defined in 40 CFR Part 261.2, including RCRA hazardous wastes or hazardous constituents, at any time. Hazardous constituents are those that are listed in 40 CFR Part 261 Appendix VIII. Those waste management units that will be addressed as RPP units under Section 3004(u) are so designated in Appendix C.

- RCRA Section 3004(v). RCRA Section 3004(v) specifies that corrective action to address releases from a RCRA facility will extend beyond the physical boundaries of the Site, to the extent necessary to protect human health and the environment. Section 3004(v) does not apply to releases within the boundary of the Hanford Site.

- RCRA Section 3008(h). RCRA Section 3008(h) is a broad corrective action authority that is applicable to the Hanford Site as long as RCRA interim status is maintained. It is more expansive than RCRA Section 3004(u), in that it can be used to address corrective action for any release of RCRA hazardous waste or constituents, including single-spill incidents, and can be used to address releases that migrate offsite.

5.2.3 CERCLA Past-Practice Unit

The CPP units include units that have received hazardous substances, as defined by CERCLA, irrespective of the date such hazardous substances were placed at the unit. Those waste management units that will be addressed as CPP units are so designated in Appendix C .

For the purposes of this action plan, it is necessary to distinguish between a CPP unit, a RPP unit, and a TSD unit. Any TSD unit, as defined in Section 5.2.1, will be classified as a TSD unit, rather than a CERCLA unit, even if it is investigated in conjunction with CPP units. The CPP and RPP units will be distinguished in accordance with Section 5.4.

5.3 MANAGEMENT OF TREATMENT, STORAGE, AND DISPOSAL UNITS

As previously stated, TSD units are identified in Appendix B. Any additional TSD units that are subsequently identified shall be added to Appendix B in accordance with the process described in Section 12.2.

Unless closed in accordance with Sections 6.3.1 or 6.3.3, TSD units shall be permitted for either operation or postclosure care pursuant to the authorized State Dangerous Waste Program (173-303 WAC) and HSWA. Prior to permitting or closure of TSD units, DOE shall achieve (in accordance with the work schedule contained in Appendix D) and maintain compliance with applicable interim status requirements. All TSD units that undergo closure, irrespective of

permit status, shall be closed pursuant to the authorized State Dangerous Waste Program in accordance with 173-303-610 WAC.

5.4 MANAGEMENT OF PAST-PRACTICE UNITS

This section describes the rationale for placing units in either a RCRA or a CERCLA past-practice category for corrective action as defined below. In many cases, either authority could be used with comparable results. The categories are as follows:

- The CPP units, (see Section 7.3)
- The RPP units, under the authorized state corrective action program (see Section 7.4).

Since the Hanford Site was proposed for inclusion on the National Priorities List (NPL) (Federal Register, June 24, 1988), and was placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989), the parties agree that any units managed as RPP units shall address all CERCLA hazardous substances for the purposes of corrective action. The parties agree that all of the wastes regulated under the State Dangerous Waste Program (173-303 WAC) shall be addressed as part of any CERCLA response action or RCRA corrective action.

Section 121 of CERCLA, with provision for waivers in a limited number of circumstances, requires that remedial actions attain a degree of cleanup that meets "applicable or relevant and appropriate Federal and State environmental requirements" (ARAR). Accordingly, (1) all State-only hazardous wastes will be addressed under CERCLA, and (2) RCRA standards for cleanup or TSD requirements (as well as other applicable or relevant and appropriate Federal and State regulations) will be met under a CERCLA action (See Section 7.5 for further discussion of cleanup requirements). This eliminates many discrepancies between the two programs and lessens the significance of whether an operable unit is placed in one program or the other.

All past-practice units within an operable unit will be designated as either RPP units, with Ecology as the lead regulatory agency, or CPP units, with either the EPA or Ecology as the lead regulatory agency (See Appendix C). This designation will ensure that only one past-practice program will be applied at each operable unit. The corrective action process selected for each operable unit shall be sufficiently comprehensive to satisfy the technical requirements of both statutory authorities and the respective regulations.

If an operable unit consists primarily of past-practice units (i.e., no TSD units or relatively insignificant TSD units), CERCLA authority will generally be used for those past-practice units. The CERCLA authority will also be used for past-practice units in which remediation of CERCLA-only materials comprises the majority of work to be done in that operable unit. In some cases Ecology will be the lead regulatory agency for remedial action under CPP authority.

The RPP authority will generally be used for operable units that contain significant TSD units and/or lower priority past-practice units.

Currently assigned RPP and CPP designations are shown in Appendix C. Further assignments will be made in accordance with Section 12.2 prior to initiation of any actions for those operable units.

The EPA and Ecology shall jointly determine whether an operable unit will be managed under the authority of RPP or CPP. Such designation may be changed due to the discovery of additional information concerning the operable unit. If a change in authority is proposed after the Remedial Investigation/ Feasibility Study (RI/FS) or RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) work plan, as described in Section 7.0, has been submitted to the lead regulatory agency (see Section 5.6 on discussion of lead regulatory agency), the change requires the agreement of all parties.

5.5 TREATMENT, STORAGE, AND DISPOSAL UNITS AND PAST-PRACTICE UNITS INTERFACE

In some cases, TSD units are closely associated with past-practice units at the Hanford Site, either geographically or through similar processes and waste streams. Although disposition of such units must be managed in accordance with Section 6.0, a procedure to coordinate the TSD unit closure or permitting activity with the past-practice investigation and remediation activity is necessary to prevent overlap and duplication of work, thereby economically and efficiently addressing the contamination. In Appendix B, selected TSD groups/units, primarily land disposal units, have been initially assigned to operable units based on the criteria defined in Section 3.3. The information necessary for performing RCRA closures/postclosures within an operable unit will be provided in various RFI/CMS documents. The initial work plan will contain a Sampling and Analysis Plan (SAP) for the associated RCRA units and it will outline the manner in which RCRA closure/postclosure plan requirements will be met in the work plan and subsequent documents. The selected closure/postclosure method and associated design details will (unless otherwise agreed to by the parties) be submitted as part of the CMS report at a later date, as specified in the work plan. The proposed closure/postclosure activities contained in the CMS report will: (1) meet RCRA closure standards and requirements, (2) be consistent with closure requirements specified in the Hanford Site-Wide (RCRA) permit, and (3) be coordinated with the recommended remedial action(s) for the associated operable unit. Additionally, the closure/ postclosure implementation schedule will reflect an overall prioritization between closure/ postclosure and other remedial activities within the subject operable unit, considering environmental protection, health and safety, availability of technology, etc. Each RFI/CMS closure document will be structured such that RCRA closure requirements can be readily identified for a separate review/approval process and RCRA closure/postclosure requirements can be incorporated in the RCRA Permit. If at a later date TSD groups/units need to be deleted from or added to an operable unit, the procedures defined in Section 12.2 will be used.

Ecology, the EPA, and DOE agree that past-practice authority may provide the most efficient means for addressing mixed-waste groundwater contamination plumes originating from a combination of TSD and past-practice units. However, in order to ensure that TSD units within the operable units are brought into compliance with RCRA and State hazardous waste

regulations, Ecology intends, subject to part four of the Agreement, that all response or corrective actions, excluding situations where there is an imminent threat to the public health or environment as described in Section 7.2.3, will be conducted in a manner which ensures compliance with the technical requirements of the HWMA (Chapter 70.105 RCW and its implementation regulations). In any case, the parties agree that CERCLA remedial actions and, as appropriate, HSWA corrective measures will comply with ARARs.

5.6 LEAD REGULATORY AGENCY CONCEPT

The EPA and Ecology have selected a lead regulatory agency approach to minimize duplication of effort and maximize productivity. Either the EPA or Ecology will be the lead regulatory agency for each operable unit, TSD group/unit or milestone.

The lead regulatory agency for a specific operable unit, TSD group/unit or milestone will be responsible for overseeing the activities covered by this action plan that relate to the successful completion of that milestone or activities at that operable unit or TSD group/unit, ensuring that all applicable requirements are met. However, the EPA and Ecology retain their respective legal authorities. The lead regulatory agency shall brief and obtain any necessary approvals from the agency with regulatory authority in accordance with the EPA/Ecology MOU. Regulatory oversight activity, including preparation of responses to documents submitted by the DOE, will be performed by the lead regulatory agency for each operable unit, TSD group/unit or milestone. The non-lead regulatory agency will not assign staff to provide any oversight or support.

The assignment of the lead regulatory agency for an operable unit, TSD group/unit or milestone will be based on the following criteria.

- The EPA will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that contain no TSD units or that contain low-priority TSD units
  - Operable units that contain primarily CERCLA-only materials.
- Ecology will generally be the lead regulatory agency when the operable unit, TSD group/unit or milestone involves:
  - Operable units that consist of major TSD units, with limited past-practice units
  - Operable units that contain higher priority TSD units and lower priority past-practice units.
- Ecology will be lead regulatory agency for all TSD units and TSD groups.

In some cases, the above criteria may overlap, such that either the EPA or Ecology could be assigned as the lead regulatory agency. In this situation, other criteria would be used, such as available resources to undertake additional work in a timely manner, the designation and characteristics of an adjoining operable unit, or whether the characteristics of a given operable unit are similar to the characteristics of another operable unit that has already been managed by either agency.

Currently assigned lead regulatory agency designations are shown in Appendix C for each operable unit. Additional assignments will be made in accordance with Section 12.0 prior to any action on the operable unit, TSD group/unit or milestone. The lead regulatory agency shall maintain its role through completion of all required actions.

The decision as to which regulatory agency will assume the lead role will be a joint determination by the EPA and Ecology (see Paragraph 88 of this Agreement). Such determinations are subject to change based on additional information subsequently discovered concerning an operable unit, or for any other reason, as agreed upon by the EPA and Ecology. The parties intend that once the lead regulatory agency has been assigned, the lead regulatory agency designation will not change except for an extreme circumstance.

5.7 INTEGRATION WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

The purpose of the NEPA requirements is to ensure that potential environmental impacts of investigation and cleanup activity are assessed. These assessments, when determined to be required, will be made primarily as part of the CERCLA response action and RCRA corrective action processes. These processes will be supplemented, as necessary, to ensure compliance with NEPA requirements.

6.0 TREATMENT, STORAGE, AND DISPOSAL UNIT PROCESS

6.1 INTRODUCTION

This section discusses the requirements of RCRA and the State of Washington Hazardous Waste Management Act, Chapter 70.105 RCW, and pertains to all units that were used to store, treat, or dispose of RCRA hazardous waste and hazardous constituents after November 19, 1980; State-only hazardous waste after March 12, 1982; and units at which such wastes will be stored, treated, or disposed in the future, except as provided by 173-303-200 WAC.

A list of these units, or grouping of units, is provided in Appendix B. Section 3.0 identifies the criteria by which these units will be scheduled for permitting and closure actions.

Some of the TSD groups/units (primarily land disposal units) have been included in operable units, as discussed in Section 3.3. The information necessary for performing RCRA closures within an operable unit will be provided in coordination with various RFI/CMS documents. These documents will include a coordinated past-practice site investigation/RCRA closure/RCRA corrective action approach in order to implement applicable regulations as discussed in Section 5.5.

Some of the TSD groups/units (primarily those located within large processing facilities) will be integrated with the disposition of the facility, and therefore closed in accordance with the process defined in Section 8.0. These units are those that have physical closure actions that need to be done in conjunction with the physical disposition actions in the facility (e. g. removal of structural components). Even though TSD units are closed in accordance with Section 8.0, applicable requirements defined in this section still apply (e.g. 6.5 Quality Assurance).

Currently identified actions necessary to bring TSD units into compliance with Federal and State laws are identified in the work schedule (see Appendix D) including necessary interim milestones. These interim milestones are consistent with the major milestones for achieving interim status compliance requirements specified in Section 2.4. A schedule for completing interim status compliance actions is provided as part of Appendix D.

The RCRA land disposal restrictions (LDR) require that established treatment requirements be met prior to land disposal of hazardous wastes. While treatment capacity generally exists for the nonradioactive hazardous wastes which are subject to LDR, treatment is currently not available for the mixed wastes subject to LDR which require storage at the Hanford Site.

Ecology has received authorization from EPA to implement certain LDR provisions of RCRA pursuant to Section 3006 of RCRA. Accordingly, these authorized state provisions are effective in lieu of the Federal requirements. Both EPA and Ecology anticipate that Ecology will receive authorization for the additional LDR provisions in the future. EPA and Ecology intend to use the LDR provisions under M-26 and other HSWA provisions which have comparable state analogs that have not yet been authorized as an example of regulatory streamlining at the

Hanford Site, by designating Ecology as the lead regulatory agency for those provisions under applicable state law.

This includes review and approval of LDR annual reports, plans, and schedules for compliance with M-26-00. While EPA must retain legal authority over portions of the LDR which are not yet authorized to the state, EPA will not assign staff to oversee the routine completion of activities related to M-26-00. In the event that EPA involvement in a specific matter is requested by Ecology or is otherwise necessary, Ecology staff will brief EPA and EPA will become involved to the extent necessary to help resolve that specific matter. EPA and Ecology intend that such involvement on the part of EPA will be the exception, rather than the rule.

In accordance with Milestone M-26-00, DOE has submitted the "Hanford Land Disposal Restrictions Plan for Mixed Wastes," (LDR Plan) to Ecology, as the lead regulatory agency. This plan describes a process for managing mixed wastes subject to LDR at the Hanford Site and identifies actions which will be taken by DOE to achieve full compliance with LDR requirements.

These actions will be taken in accordance with approved schedules specified in the LDR Plan and in the Work Schedule (Appendix D). The DOE will submit annual reports which shall update the LDR Plan and the prior annual report, including plans and schedules. The annual report will also describe activities taken to achieve compliance and describe the activities to be taken in the next year toward achieving full compliance. The LDR Plan and annual reports are primary documents, subject to review and approval by Ecology. Ecology also has approval authority for schedules in the LDR Plan and annual reports. Changes to approved final schedules must be made in accordance with the Change Control System described in Section 12.0.

6.2 TREATMENT, STORAGE, AND DISPOSAL PERMITTING PROCESS

The Hanford Site has been assigned a single identification number for use in State Dangerous Waste Program/RCRA permitting activity. Accordingly, the Hanford Site is considered to be a single RCRA facility, although there are numerous unrelated units spread over large geographic areas on the Site.

Since all of the TSD groups/units cannot be permitted simultaneously, Ecology and the EPA will issue the initial permit for less than the entire facility. This permit will eventually grow into a single permit for the entire Hanford Site. The Federal authority to issue a permit at a facility in this manner is found in 40 CFR 270.1(c)(4). Any units that are not included in the initial permit will normally be incorporated through a permit modification. At the discretion of Ecology and EPA, the permit revocation and reissuance process may be used.

The process of permit modification is specified in 173-303-830 WAC and 40 CFR 270.41. A permit modification does not affect the term of the permit (a permit is generally issued for a term of 10 years). Proposed modifications are subject to public comment, except for minor modifications as provided in 173-303-830(4) WAC and 40 CFR 270.42.

The process of revocation and reissuance is specified in 173-303-830 WAC and 40 CFR 270.41. Revocation and reissuance means that the existing permit is revoked and an entirely new permit is issued, to include all units permitted as of that date. In this case, all conditions of the permit to be reissued would be open to public comment and a new term (10 years in most cases) would be specified for the reissued permit.

Figure 6-1 depicts a flowchart for processing all operating permits for TSD groups/units and for processing postclosure permits for TSD groups/units that will close with hazardous wastes or constituents left in place. The permitting process applies to existing units, expansion of units under interim status, and new units (units that do not have interim status and must have a permit prior to construction).

Ecology shall normally be responsible for drafting permit conditions, including those related to HSWA requirements. Until the HSWA provisions have been delegated from EPA to Ecology through the authorization process, EPA will maintain final approval rights for those permit conditions pursuant to HSWA authority that have not been delegated. Therefore, certain conditions of the joint permit will be enforceable by Ecology, others will be enforceable by EPA, and some conditions will be enforceable by both agencies. The permit will identify which conditions are enforceable by each agency.

Disputes concerning any HWMA requirements, will be addressed in accordance with Article VIII of the Agreement.

Ecology will have the responsibility for drafting the permit and permit modifications for all TSD groups/units, ensuring that the Part B permit application is complete, and preparing the Notices of Deficiency (NOD) to the DOE.

The Part B permit application is a primary document, as defined in Section 9.1. The review procedures, as specified in Section 9.2.2, will be followed. In the event that issues cannot be resolved through the NOD process, the appropriate dispute resolution process can be invoked.

Section 3004(u) of RCRA requires that all solid waste management units be investigated as part of the permit process. The statute provides that the timing for investigation of such units may be in accordance with a schedule of compliance specified in the permit. The parties have addressed the statutory requirement through the preliminary identification and assignment of all known past-practice units to specific operable units (see Section 3.0). These operable units have been prioritized and scheduled for investigation in accordance with the work schedule (Appendix D). It is the intent of all parties that this requirement be met through incorporation of applicable portions of this action plan into the RCRA permit. This will include reference to specific schedules for completion of investigations and corrective actions.

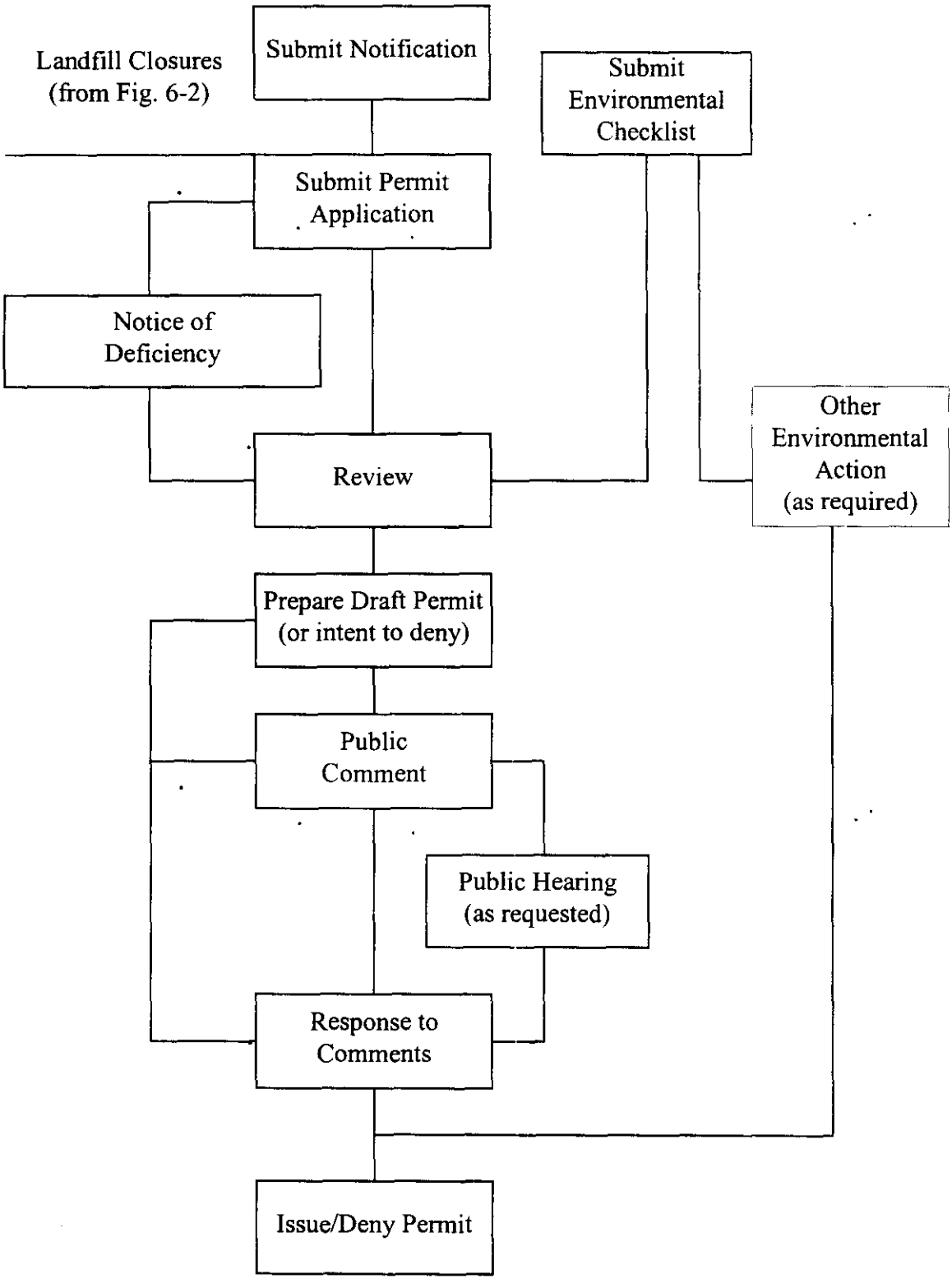

Figure 6-1. Permitting Process Flowchart.

Ecology, the EPA, and DOE will follow all current versions of applicable Federal and State statutes, regulations, guidance documents, and written policy determinations that pertain to the permitting process, including postclosure permits, for TSD groups/units. Public participation requirements for permitting TSD groups/units will be met and are addressed in Section 10.0.

6.3 TREATMENT, STORAGE, AND DISPOSAL CLOSURE PROCESS

The DOE will follow applicable Federal and State statutes, regulations and guidance documents, and written policy determinations that pertain to the closure process for TSD groups/units.

The TSD units containing mixed waste will normally be closed with consideration of all hazardous substances, which includes radioactive constituents. Hazardous substances not addressed as part of the TSD closure may be addressed under past-practice authority in accordance with the process defined in Section 7.0.

The following are examples of when a unit may be closed without addressing all hazardous substances (e.g., radioactive waste).

- For treatment or storage units within a radioactive structure (e.g., the Plutonium/Uranium Extraction [PUREX] Plant) it may be possible to remove all hazardous wastes and "clean close" (see Section 6.3.1). The radioactive constituent would then remain for a future decontamination and decommissioning effort of the entire structure.

- For a land disposal unit being closed in conjunction with an operable unit, initial investigation may show that the unit no longer contains hazardous waste or constituents. Therefore, the unit may be "clean closed" with no physical closure action. Any remaining CERCLA-only materials would be addressed as part of the past-practice process as designated for that operable unit.

Figure 6-2 depicts a flowchart of the closure process for TSD units. Two types of closures are shown.

6.3.1 Clean Closure

In some cases, it may be possible to remove all hazardous wastes and constituents associated with a TSD unit and thereby achieve "clean closure." The process to complete clean closure of any unit will be carried out in accordance with all applicable requirements described in 173-303 WAC and 40 CFR 270.1. Any demonstration for clean closure of a disposal unit, or selected treatment or storage units as determined by the lead regulatory agency, must include documentation that groundwater and soils have not been adversely impacted by that TSD group/unit, as described in 173-303-645 WAC.

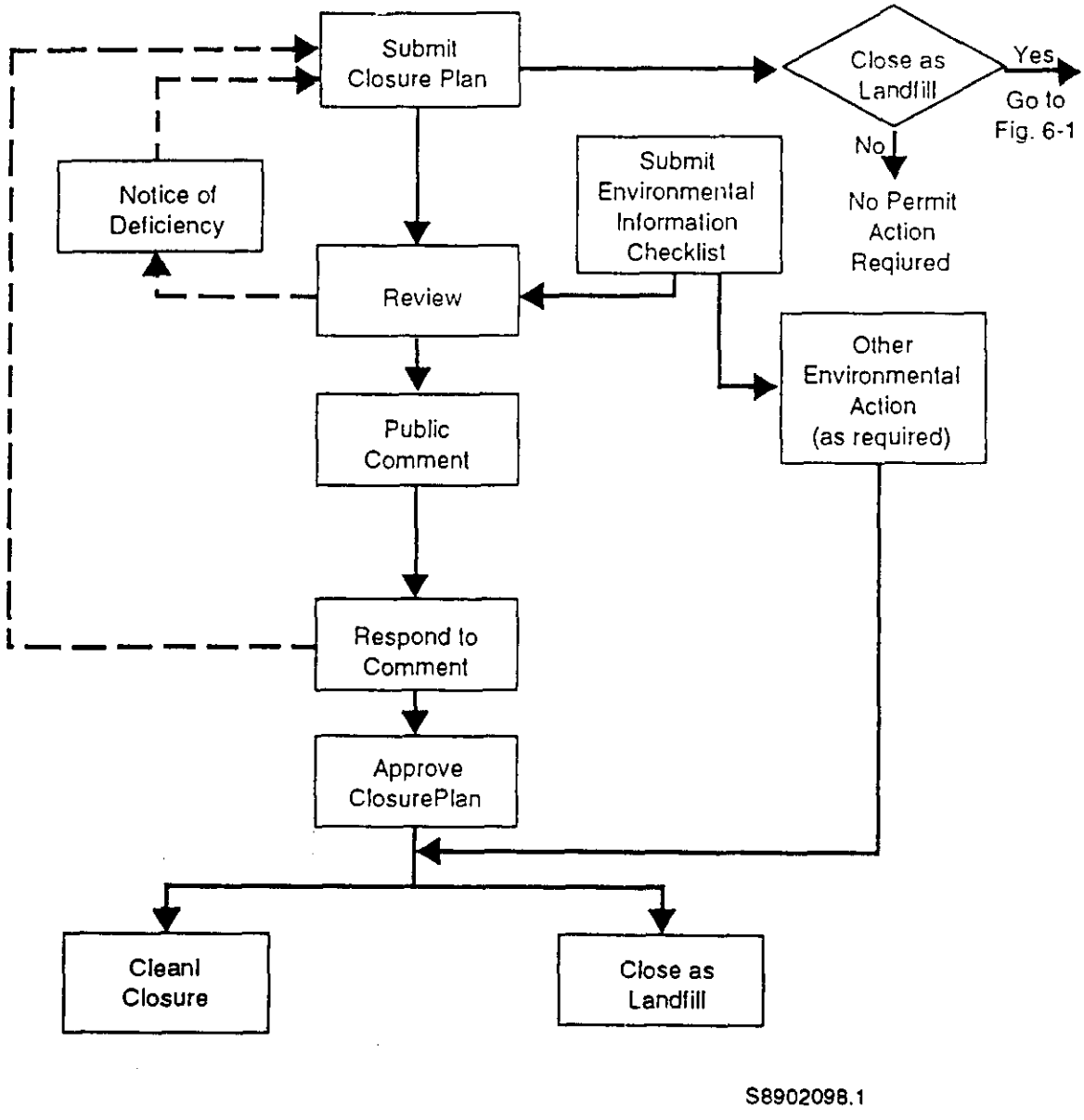

Figure 6-2. Closure Process Flowchart.

After completion of clean closure activities, a closed storage unit may be reused for generator accumulation (less than 90 day storage).

6.3.2 Closure as a Land Disposal Unit

If clean closure, as described above, cannot be achieved, the TSD unit will be closed as a land disposal unit. The process to close any unit as a land disposal unit will be carried out in accordance with all applicable requirements described at 173-303 WAC. In order to avoid duplication under CERCLA for mixed waste, the radionuclide component of the waste will be addressed as part of the closure action.

In the case of closure as a land disposal unit, a postclosure permit will be required. The postclosure permit will cover maintenance and inspection activities, groundwater monitoring requirements, and corrective actions, if necessary, that will occur during the postclosure period. The postclosure period will be specified as 30 years from the date of closure certification of each unit, but can be shortened or lengthened by Ecology at any time in accordance with 173-303-610 WAC. The closure plan will be submitted in conjunction with the Part B postclosure permit application, unless the parties agree otherwise. If a unit is to be closed as a land disposal unit prior to issuance of a permit for postclosure, an interim status postclosure plan will accompany the closure plan.

6.3.3 Procedural Closure

This is used for those units which were classified as being TSD units, but were never actually used to treat, store, or dispose of hazardous waste, including mixed waste, except as provided by 173-303-200 WAC or 173-303-802 WAC. This action requires that Ecology be notified in writing that the unit never handled hazardous wastes. Such information must include a signed certification from the DOE, using wording specified in 173-303-810(13) WAC. Ecology will review the information as appropriate (usually to include an inspection of the unit) and send a written concurrence or denial to the DOE. If denied, permitting and/or closure action would then proceed, or the dispute resolution process would be invoked.

6.3.4 Expansion of Hanford Facility Waste Management Capacity Due to the Discontinuation of Process Operations

Many Hanford Site operations include systems that use chemical materials and/or solutions to perform required functions. When these systems are permanently removed from service, the chemical materials and/or solutions that no longer have a use may be considered a waste subject to the provisions of the dangerous waste regulations. For those systems that contain chemical materials and/or solutions that are considered waste, the components of the systems that contain this waste become subject to the Resource Conservation and Recovery Act (RCRA) permitting requirements of the Washington Administrative Code (WAC) 173-303 if the waste is managed for greater than 90 days. For facilities that have received a shut-down notice (facilities being transitioned), these system components (e.g., tanks and ancillary equipment) may be added to the Hanford Facility RCRA Dangerous Waste Part A Permit without providing notification required

by WAC 173-303-281, provided that these components have no further waste management mission prior to RCRA closure or deactivation as addressed in Section 8.0.

6.4 RESPONSE TO IMMINENT AND SUBSTANTIAL ENDANGERMENT CASES

The State of Washington Dangerous Waste Regulations, 173-303-960 WAC, addresses actions to abate an imminent and substantial endangerment to the health or the environment from the releases of dangerous or solid wastes. Ecology will require DOE to either take specific action to abate an identified danger or threat, or will require a specific submittal date for DOE to propose an abatement method.

See Section 7.2.3 for information concerning responses to imminent and substantial endangerment cases at past-practice sites.

6.5 QUALITY ASSURANCE

The level of quality assurance and quality control (QA/QC) for the collection, preservation, transportation, and analysis of each sample which is required for implementation of this Agreement shall be dependent upon the data quality objectives for the sample. Such data quality objectives shall be specified in RCRA closure plans, the RCRA permit, and any other relevant plans that may be used to describe sampling and analyses at RCRA TSD units.

The QA/QC requirements shall range from those necessary for non-laboratory field screening activities to those necessary to support a comprehensive laboratory analysis that will be used in final decision-making. This range of QA/QC options is included in the "Data Quality Strategy for Hanford Site Characterization" (as listed in Appendix F). This document is subject to approval by EPA and Ecology.

Based upon the data quality objectives, the DOE shall comply with EPA guidance documents for QA/QC and sampling and analysis activities which are taken to implement the Agreement. Such guidance includes:

- "Guidelines and Specifications for Preparing Quality Assurance Program Plans" (QAMS-004/80);
- "Interim Guidance and Specifications for Preparing Quality Assurance Project Plans" (QAMS-005/80);
- "Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003 and 004); and
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (EPA/SW-846).

In some instances, RCRA TSD units are included in operable units and are scheduled for investigation and closure as part of the operable unit remedial action. DOE shall follow the provisions of Section 7.8 for QA/QC for sampling and analysis activities at these land disposal units.

In regard to QA requirements for construction of RCRA land disposal facilities, DOE shall comply with "Technical Guidance Document: Construction Quality Assurance for Land Disposal Facilities" (EPA/530-SW-86-031).

For analytical chemistry and radiological laboratories, the QA/QC plans must include the elements listed in "Guidance on Preparation of Laboratory Quality Assurance Plans" (as listed in Appendix F). DOE shall submit laboratory QA/QC plans to the lead regulatory agency for review as secondary documents prior to use of that laboratory. In the event that DOE fails to demonstrate to the lead regulatory agency that data generated pursuant to this Agreement was obtained in accordance with the QA/QC requirements of this section, including laboratory QA/QC plans, DOE shall repeat sampling or analysis as required by the lead regulatory agency. Such action by the lead regulatory agency shall not preclude any other action which may be taken pursuant to this Agreement. For other data, the lead regulatory agency may request DOE to provide QA/QC documentation. Any such data that does not meet the QA/QC standard required by this section shall be clearly flagged and noted to indicate this fact.

7.0 PAST PRACTICES PROCESSES

7.1 INTRODUCTION

This section has the following five purposes.

- Describe the processes that are common to both CPP units and RPP units (Section 7.2).
- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the CERCLA process (Section 7.3).
- Describe the steps to be followed if the past-practice units at a given operable unit are to be managed through the RPP unit process (Section 7.4).
- Describe the process for setting cleanup standards for any CPP or RPP remedial action (Section 7.5).
- Describe the role of other Federal agencies in the investigation and remedial action processes (Sections 7.6 and 7.7).

Approximately 1,200 waste management units have been identified within the boundaries of the 560-square mile Hanford Site. This includes approximately 1,000 past-practice units. Most past-practice units are located in two general geographic areas as identified by the DOE (the 100 and 200 Areas). Other past-practice units are located in the 300, 1100 and other areas of the Hanford Site.

The 100, 200, 300, and 1100 Areas were identified as aggregate areas for inclusion of the Hanford Site on the CERCLA NPL. Figure 7-1 reflects these geographic areas at the Hanford Site. Each of these areas has a unique environmental setting and waste disposal history. The four aggregate areas were proposed for inclusion on the NPL on June 24, 1988, and were placed on the NPL on November 3, 1989 (Federal Register, October 4, 1989). The remaining past-practice units from other areas have been assigned to operable units within one of the four aggregate areas for the purpose of investigation and subsequent action. Any future units that may be identified will also be assigned to operable units within an aggregate area.

Cleanup of past-practice units will be conducted pursuant to either the CERCLA process (Section 7.3) or RCRA process (Section 7.4). Figure 7-2 highlights the major steps involved in both the CPP and RPP programs and indicates how each of these steps is related to a comparable step in the other program. It shows that the steps of CERCLA are functionally equivalent to steps in the RPP program. Accordingly, the investigative process at any operable unit can proceed under either the CPP or the RPP program.

In accordance with Section 3.1, and discussed in Section 8.3, the parties may elect to include the disposition of facilities under the past-practices processes. Such actions can proceed under either

the CPP or the RPP Program.

7.2 PRELIMINARY PROCESSES

Section 5.4 describes the rationale for managing operable units under either the CPP or the RPP category. The following processes apply to all past-practice units, regardless of whether they are classified as RPP or CPP units.

7.2.1 Site-wide Scoping Activity

An ongoing scoping activity is being conducted on a site-wide basis to maintain a current listing of operable unit boundaries and priorities. The vehicle for documentation of this activity is the Waste Information Data System (WIDS). The WIDS, as described in Section 3.5, and Appendix C of this Action Plan will be updated as additional information becomes available.

Although initial operable unit boundaries have been identified (Appendix C), the site-wide scoping activity may reveal additional or new information that could impact the designation of individual units within operable units or the priority in which operable units will be managed. Any such changes will require the written concurrence of the assigned executive managers for the DOE and the affected lead regulatory agency. If both EPA and Ecology are affected by this action, the written concurrence of both agencies will be required in accordance with the modification procedures described in Section 12.2.

The site-wide scoping activities will not impact the schedule of any other activities that are shown on the work schedule (Appendix D).

7.2.2 Operable Unit Scoping Activity

The operable unit scoping activity will be used to support the initial planning phase for each RI/FS (or RFI/CMS). Such activity and planning will result in an overall management strategy for each operable unit. In some cases, the operable unit management strategy may include facility dispositioning activities which will be integrated with this process as discussed under Section 8.3, "Decommissioning Process Planning." The DOE shall assemble and evaluate existing data and information about the individual waste management units within each operable unit. The data and information obtained during each operable unit scoping activity will be used to support the logic for the RI/FS (or RFI/CMS) work plan and, therefore, will be submitted as part of each work plan.

This scoping activity is not intended to be a mechanism for generation of new information except for site survey and screening activities described in Section 7.3.2, but a thorough and complete evaluation of existing data. The schedule for submittal of the work plans, as specified in the work schedule (Appendix D), allows time for inclusion of the scoping activity.

The following is a list of specific scoping activities that will be addressed in each RI/FS (RFI/CMS) work plan:

Appendix C

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
1100-EM-1	**EPA**	**CPP**	
1100-1	1100-1, Battery Acid Pit, 1171 Building Sandpit Spills, UPR-1100-1	Depression/Pit (nonspecific)	Deleted from NPL (9/30/1996)
1100-2	1100-2, Paint and Solvent Pit, UPR-1100-2	Depression/Pit (nonspecific)	Deleted from NPL (9/30/1996)
1100-3	1100-3, Antifreeze and Degreaser Pit, Antifreeze Pit, UPR-1100-3	Depression/Pit (nonspecific)	Deleted from NPL (9/30/1996)
1100-4	1100-4, Antifreeze Tank Site, UN-1100-4, 1171 Building Spills, UPR-1100-4	Storage Tank	Deleted from NPL (9/30/1996)
1100-11	1100-11, Ephemeral Pool	Pond	Deleted from NPL (9/30/1996)
HRD	HRD, Horn Rapids Disposal, ITT Waste Disposal Landfill, Horn Rapid Landfill (HRL), Gravel Pit #4, Gravel Pit #5	Sanitary Landfill	Deleted from NPL (9/30/1996)
UPR-1100-5	UPR-1100-5, UN-1100-5, 1171 Parking Lot	Unplanned Release	Deleted from NPL (9/30/1996)
UPR-1100-6	UPR-1100-6, Discolored Soil Site, UN-1100-6	Depression/Pit (nonspecific)	Deleted from NPL (9/30/1996)
1100-EM-2	**EPA**	**CPP**	
700 WST	700 WST, 700 Area Waste Solvent Tank, 700 Area Underground Waste Solvent Tank, 703-1	Storage Tank	Deleted From NPL (9/30/1996)
1100 BSUHR	1100 BSUHR, 1100 Area Bus Shop Underground Hoist Rams	Storage Tank	Deleted from NPL (9/30/1996)
1100 HWSA	1100 HWSA, 1100 Area HWSA, 1100 Area Hazardous Waste Storage Area	Storage Pad (<90 day)	Deleted from NPL (9/30/1996)
1100 UOT4	1100 UOT4, 1100 Area Used Oil Tank 4, 1100 Area Underground Used Oil Tank (tank #4), 1171-4	Storage Tank	Deleted from NPL (9/30/1996)
1100 UOT5	1100 UOT5, 1100 Area Used Oil Tank 5, 1100 Area Underground Used Oil Tank (Tank #5), 1171-5	Storage Tank	Deleted from NPL (9/30/1996)

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Listing by Operable Unit. (Sheet 2 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
1100-EM-2 (continued)			
1100 UOT6	1100 UOT6, 1100 Area Used Oil Tank 6, 1100 Area Underground Used Oil Tank (Tank #6), 1171-6	Storage Tank	Deleted from NPL (9/30/1996)
1100 USPT2	1100 USPT2, 1100 Area Underground Steam Pad Tank 2, 1171-2	Storage Tank	Deleted from NPL (9/30/1996)
1100 USPT3	1100 USPT3, 1100 Area Underground Steam Pad Tank 3, 1171-3	Storage Tank	Deleted from NPL (9/30/1996)
1100-8	1100-8, 1171 Hoist Oil Leak	Unplanned Release	Deleted from NPL (9/30/1996)
1100-EM-3	**EPA**	**CPP**	
3000 JYHWSA	3000 JYHWSA, 3000 Area Jones Yard HWSA, 3000 Area Jones Yard Hazardous Waste Storage Area, Hazardous Waste Storage Area (Jones Yard)	Storage Pad (<90 day)	Deleted from NPL (9/30/1996)
3000 UUOT	3000 UUOT, 3000 Area Underground Used Oil Tank, 3000-12	Storage Tank	Deleted from NPL (9/30/1996)
3000/1208 HWSA	3000/1208 HWSA, 3000 Area 1208 HWSA, 3000 Area 1208 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1208)	Storage Pad (<90 day)	Deleted from NPL (9/30/1996)
3000/1226 HWSA	3000/1226 HWSA, 3000 Area 1226 HWSA, 3000 Area 1226 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1226)	Storage Pad (<90 day)	Deleted from NPL (9/30/1996)
3000/1234	3000/1234, 1234 Laydown Yard, 3000 Area 1234 Storage Yard, 1234 Building Storage Yard	Storage	Deleted from NPL (9/30/1996)
3000/1240 HWSA	3000/1240 HWSA, 3000 Area 1240 HWSA, 3000 Area 1240 Building Hazardous Waste Storage Area, Hazardous Waste Storage Area (1240)	Storage Pad (<90 day)	Deleted from NPL (9/30/1996)
UPR-3000-1	UPR-3000-1, UN-3000-1	Unplanned Release	Deleted from NPL (9/30/1996)

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Listing by Operable Unit. (Sheet 3 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
1100-IU-1	**EPA**	**CPP**	
600-28	600-28, Rattlesnake Construction Dump	Dumping Area	Deleted from NPL (9/30/1996)
600-112*	600-112, 6652-C SSLAST, 6652-C SSL Active Septic Tank, 6652-C Space Science Laboratory Active Septic Tank	Septic Tank	Deleted from NPL (9/30/1996)
600-113	600-113, 6652-C SSLIST, 6652-C SSL Inactive Septic Tank, 6652-C Space Science Laboratory Inactive Septic Tank	Septic Tank	Deleted from NPL (9/30/1996)
600-114	600-114, 6652-G ALEFSBST, 6652-G ALE Field Storage Building Septic Tank	Septic Tank	Deleted from NPL (9/30/1996)
600-115	600-115, 6652-I ALEHST, 6652-I ALE Headquarters Septic Tank, 6652-I Arid Lands Ecology (ALE) Headquarters Septic Tank	Septic Tank	Deleted from NPL (9/30/1996)
600-116	600-116, RMNMB, Rattlesnake Mountain Nike Missile Base	Military Compound	Deleted from NPL (9/30/1996)
100-BC-1	**EPA**	**CPP**	
100-B-3	100-B-3, Hot Thimble Burial Ground, Undocumented Solid Waste Site	Burial Ground	
100-B-5	100-B-5, Effluent Vent Disposal Trench, 116-B-9, 105-B Effluent Vent Trench	Trench	
100-B-8	100-B-8, 100-B Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-B-10	100-B-10, 107-B Basin Leak and Warm Springs	Unplanned Release	
116-B-1	116-B-1, 107-B Liquid Waste Disposal Trench	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-2	116-B-2, 105-B Storage Basin Trench, B-Storage Basin Crib	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-3	116-B-3, 105-B Pluto Crib	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)

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Listing by Operable Unit. (Sheet 4 of 81)

OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-BC-1 (continued)			
116-B-4	116-B-4, 105-B Dummy Decontamination French Drain, 105-B Dummy Decontamination Disposal Crib	French Drain	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-5	116-B-5, 116-B-5 Crib, 116-B-5 Trench, 108-B Crib	Crib	Closed Out (1/8/1997)
116-B-6A	116-B-6A, 111-B Crib No. 1, 116-B-6-1	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-6B	116-B-6B, 111-B Crib No. 2, 116-B-6-2	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-7	116-B-7, 1904-B-1 Outfall Structure, 1904-B1	Outfall	
116-B-9	116-B-9, 104-B-2 French Drain	French Drain	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-10	116-B-10, 108-B Dry Well, Quench Tank	Sump	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-11	116-B-11, 107-B Retention Basin, 116-B-11 Retention Basin	Retention Basin	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-12	116-B-12, 117-B Crib, 117-B Seal Pit Crib	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-13	116-B-13, 107-B South Sludge Trench, 116-B-8, 107-B #2 Grave, Basin Sludge Burial Pit	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-14	116-B-14, 107-B North Sludge Trench, 107-B Liquid Waste Disposal Trench No. 1, 116-B-2, 107-B #1 Grave	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-B-15	116-B-15, 105-B Fuel Storage Basin Cleanout Percolation Pit, 105-B Fuel Storage Discharge Pond, 105-B Pond	Pond	
116-B-16	116-B-16, 111-B Fuel Examination Tank	Storage Tank	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 116-B-6A
118-B-5	118-B-5, Ball 3X Burial Ground	Burial Ground	
118-B-7	118-B-7, 111-B Solid Waste Burial Site	Burial Ground	
118-B-10	118-B-10, Ball 3X Storage Vault	Storage Tank	

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Listing by Operable Unit. (Sheet 5 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-BC-1 (continued)			
120-B-1	120-B-1, 105-B Battery Acid Sump	Sump	
126-B-3	126-B-3, 184-B Coal Pit	Dumping Area	
128-B-2	128-B-2, 100-B Burn Pit #2	Burn Pit	
128-B-3	128-B-3, 100-B Dump Site, 128-B-3 Coal Ash and Demolition Waste Site, 128-B-3 Burning Pit Site, 600-57	Burn Pit	
132-B-1	132-B-1, 108-B Tritium Separation Facility	Process Unit/Plant	
132-B-3	132-B-3, 108-B Ventilation Exhaust Stack Site, 108-B Tritium Pilot Facility, Ventilation Exhaust Stack Site	Burial Ground	
132-B-4	132-B-4, 117-B Filter Building	Process Unit/Plant	
132-B-5	132-B-5, 115-B/C Gas Recirculation Facility	Process Unit/Plant	
132-B-6	132-B-6, 1904-B-2 Outfall Structure Site, 116-B-8, 1904-B2	Outfall	
1607-B2*	1607-B2, 1607-B2 Septic Tank System, 124-B-2, 1607-B2 Sanitary Sewer System	Septic Tank	
1607-B7	1607-B7, 1607-B7 Septic Tank System, 1607-B7 Sanitary Sewer System, 124-C-1	Septic Tank	
116-C-1	116-C-1, 107-C Liquid Waste Disposal Trench	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-C-5	116-C-5, 116-C-5 Retention Basins, 107-C Retention Basins	Retention Basin	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
132-C-2	132-C-2, 1904-C Outfall, 116-C-4	Outfall	
100-BC-2	**EPA**	**CPP**	
100-B-1	100-B-1, Surface Chemical and Solid Waste Dumping Area, Laydown Yard	Dumping Area	
118-B-1	118-B-1, 105-B Burial Ground, 105-B Solid Waste Burial Ground, Operations, Solid Waste Burial Ground, 108-B Burial Ground, Ext. to BG No. 1	Burial Ground	

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Listing by Operable Unit. (Sheet 6 of 81)

OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-BC-2 **(continued)**			
118-B-2	118-B-2, Construction Burial Ground No. 1, Minor Construction Burial, Ground No. 1	Burial Ground	
118-B-3	118-B-3, Construction Burial Ground No. 2	Burial Ground	
118-B-4	118-B-4, 105-B Spacer Burial Ground, 105-B Dummy Burial Ground	Burial Ground	
118-B-6	118-B-6, 108-B Solid Waste Burial Ground, 108-B Solid Waste Burial Ground, No. 2	Burial Ground	
1607-B8	1607-B8, 1607-B8 Septic Tank System, 124-C-2, 1607-B8 Sanitary Sewer System, Septic Tank & Disposal Field for 190-C Pumphouse	Septic Tank	
1607-B9	1607-B9, 1607-B9 Septic Tank System, 1607-B9 Sanitary Sewer System, 124-C-3	Septic Tank	
1607-B10	1607-B10, 1607-B10 Septic Tank System, Sewage Disposal Field	Septic Tank	
1607-B11	1607-B11, 1607-B11 Septic Tank System	Septic Tank	
100-C-3	100-C-3, 119-C Sample Building French Drain, 119-C French Drain	French Drain	
100-C-6	100-C-6, 100-C Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-C-7	100-C-7, 183-C Filter Building /Pumproom Facility Foundation and Demolition Waste	Dumping Area	
116-C-2A	116-C-2A, 105-C Pluto Crib, 116-C-2, 105-C Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-C-2B	116-C-2B, 105-C Pluto Crib Pump Station, 116-C-2-1, 116-C-2B Pump Station	Pump Station	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-C-2C	116-C-2C, 105-C Pluto Crib Sand Filter, 116-C-2-2, 116-C-8	Sand Filter	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-C-3	116-C-3, 105-C Chemical Waste Tanks	Storage Tank	
116-C-6	116-C-6, 105-C Fuel Storage Basin Cleanout Percolation Pit, 105-C Pond	Pond	

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Listing by Operable Unit. (Sheet 7 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-BC-2 (continued)			
118-C-1	118-C-1, 105-C Burial Ground, 105-C Solid Waste Burial Ground, 118-C-1, Burial Ground	Burial Ground	
118-C-2	118-C-2, 105-C Ball Storage Tank, Ball 3X Storage Tank	Storage Tank	
128-C-1	128-C-1, 100-C Burning Pit	Burn Pit	
132-C-1	132-C-1, 116-C Reactor Exhaust Stack Site, 105-C Reactor Stack Site,	Burial Ground	
132-C-3	132-C-3, 117-C Filter Building	Process Unit/Plant	
600-33	600-33, 105-C Reactor Test Loop Burial Site	Burial Ground	
100-DR-1	**Ecology**	**CPP**	
100-D-1	100-D-1, Contaminated Drain, Contaminated Storm Drain	Process Sewer	
100-D-2	100-D-2, Solid Waste Site, Lead Sheeting	Foundation	
100-D-3	100-D-3, Solid Waste Burial Ground, Silica Gel	Burial Ground	
100-D-4	100-D-4, Sludge Trench #5, 107-DR Sludge Trench #5, 107-D-5, 107-D5	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-5	100-D-5, Waste Site Near 103-D, Undocumented Solid Waste Site, Undocumented Solid Waste Site Near 103-D	Burial Ground	
100-D-6	100-D-6, Buried VSR Thimble, Minor Construction Burial Ground #1, Burial Ground 4D, 118-D-4D	Burial Ground	
100-D-7	100-D-7, Undocumented Solid Waste Site	Dumping Area	
100-D-8	100-D-8, 105-DR Process Sewer Outfall Site, Undocumented Liquid Waste Site, 1907-DR	Outfall	
100-D-18	100-D-18, Sludge Trench #4, 107-D Sludge Trench #4, 107-D-4, 107-D4	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-19	100-D-19, Sludge Trench #6, 107-D Sludge Trench #6	Trench	

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Listing by Operable Unit. (Sheet 8 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-DR-1 (continued)			
100-D-20	100-D-20, Sludge Trench #3, 107-D Sludge Trench #3, 107-D-3, 107-D3	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-21	100-D-21, Sludge Trench #2, 107-DR Sludge Trench #2, 107-D-2, 107-D2	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-22	100-D-22, Sludge Trench #1, 107-DR Sludge Trench #1, 107-D-1, 107-D1	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-24	100-D-24, 119D Sample Building Drywell	French Drain	
100-D-25	100-D-25, Unplanned Release: 107-DR Basin Leaks	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49
100-D-29	100-D-29, Effluent Line Leak #2	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49
100-D-30	100-D-30, 190-D Sodium Dichromate Soil Contamination, 185-D, 189-D Decontamination & Demolition Project, 185-D Sodium Dichromate Trench & Sump	Unplanned Release	
100-D-31	100-D-31,100-D Water Treatment Facilities Underground Pipelines	Process Sewer	
100-D-32	100-D-32, Minor Construction Burial Ground #6	Burial Ground	
100-D-33	100-D-33, Minor Construction Burial Ground #4 East Trench	Burial Ground	
100-D-35	100-D-35, Minor Construction Burial Ground #4 West Trench	Burial Ground	
100-D-41	100-D-41, Minor Construction Burial Ground #5 Trench, 118-18, 118-D-18	Burial Ground	
100-D-42	100-D-42, Buried VSR Thimble Site	Burial Ground	
100-D-45	100-D-45, Buried VSR Thimble Site, Burial Ground 4B, 118-D-4B	Burial Ground	

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Listing by Operable Unit. (Sheet 9 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-DR-1 (continued)			
100-D-48	100-D-48, 100-D Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-49	100-D-49, 100-DR Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-D-52	100-D-52, 105-D Downcomer Insulation Space Dry Well	French Drain	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48
116-D-1A	116-D-1A, 105-D Storage Basin Trench #1	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-1B	116-D-1B, 105-D Storage Basin Trench #2	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-2	116-D-2, 105-D Pluto Crib, 116-D-2A	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-3	116-D-3, 108-D Crib #1	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-D-4	116-D-4, 108-D Crib #2	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-5	116-D-5, 1904-D Outfall Structure	Outfall	
116-D-6	116-D-6, 105-D Cushion Corridor French Drain	French Drain	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-7	116-D-7, 107-D Retention Basin, 107-D	Retention Basin	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-9	116-D-9, 117-D Crib, 117-D Seal Pit Crib	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-D-10	116-D-10, 105-D Fuel Storage Basin Cleanout Percolation Pit, 105-D Fuel Storage Discharge Ponds, 105-D Ponds	Pond	
120-D-2	120-D-2, 186-D Waste Acid Reservoir	Storage Tank	
126-D-2	126-D-2, 184-D Coal Pit/Burial Ground	Burial Ground	
128-D-2	128-D-2	Burn Pit	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-DR-1 (continued)			
130-D-1	130-D-1, 1716-D Gasoline Storage Tank, 1706-D Gasoline Storage Tank	Storage Tank	
132-D-1	132-D-1, 115-D/DR Gas Recirculating Facility	Process Unit/Plant	
132-D-2	132-D-2, 117-D Filter Building	Process Unit/Plant	
132-D-3	132-D-3, 1608-D Waste Water Pumping Station, 1608-D Effluent Pumping Station	Pump Station	
1607-D2	1607-D2, 1607-D2 Septic Tank and Associated Drain Fields, 124-D-2, 1607-D2 Sanitary Sewer System, 1607-D2 Septic Tank	Septic Tank	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48
1607-D2:1	Original 1607-D2 Tile Field, Eastern 1607-D2 Tile Field		
1607-D2:2	Replacement 1607-D2 Tile Field, Northern Tile Field		
1607-D4	1607-D4, 1607-D4 Septic Tank and Associated Drain Field, 124-D-4, 1607-D4 Sanitary Sewer System, 1607-D4 Septic Tank	Septic Tank	
1607-D5*	1607-D5, 1607-D5 Septic Tank and Associated Drain Field, 124-D-5, 1607-D5 Sanitary Sewer System, 1607-D5 Septic Tank	Septic Tank	
116-DR-1&2	116-DR-1&2, 107-DR Liquid Waste Disposal Trench #1, 107-DR Liquid Waste Disposal Trench #2, 116-DR-1, 116-DR-2	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-DR-5	116-DR-5, 1904-DR Outfall Structure, 1904-DR	Outfall	
116-DR-9	116-DR-9, 107-DR Retention Basin, 107-DR	Retention Basin	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
628-3	628-3	Burn Pit	
UPR-100-D-1	UPR-100-D-1, Oil Soaked Soil	Unplanned Release	
UPR-100-D-2	UPR-100-D-2, Effluent Line Leak #1	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-DR-1 (continued)			
UPR-100-D-3	UPR-100-D-3, Effluent Line Leak #3	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49
UPR-100-D-4	UPR-100-D-4, Unplanned Release: 107-D Basin Leaks	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49
UPR-100-D-5	UPR-100-D-5, Effluent Line Leak #4	Unplanned Release	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 100-D-48, 100-D-49
100-DR-2	**Ecology**	**RPP**	
100-D-12	100-D-12, Sodium Dichromate / Acid Railcar and Truck Unload Station and Associated French Drain, Undocumented Liquid Waste Site	Pump Station	
100-D-13	100-D-13, Unnumbered Septic System a, Septic Tank D-13, 100 DR Area Sewage Disposal Unit.124-DR-3, 1607-DR3	Septic Tank	
100-D-15	100-D-15, Debris North of 100-D Area Perimeter Road and Debris South of 100-D Perimeter Road - within 100-D-55 (Gravel Pit #21)	Dumping Area	
100-D-23	100-D-23, 119-DR Sample Building Drywell	French Drain	
100-D-27	100-D-27, 151-D Substation UPR, A-2 Substation Transformer #A401C Leak	Unplanned Release	
100-D-28	100-D-28, 190-DR Building Septic System	Septic Tank	
100-D-40	100-D-40, Minor Construction Burial Ground #5 Hole	Burial Ground	
100-D-43	100-D-43, Buried VSR Thimble Site, Burial Ground 4C, 118-D-4C	Burial Ground	
100-D-46	100-D-46, Burial Ground 4A, 118-D-4A	Burial Ground	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-DR-2 (continued)			
100-D-47	100-D-47, Construction C.G. 558-Rod Burial, Burial Ground 4E, 118-D-4E	Burial Ground	
116-D-8	116-D-8, 100-D Cask Storage Pad	Storage	
118-D-1	118-D-1, 100-D Burial Ground No. 1	Burial Ground	
118-D-2	118-D-2, 100-D Burial Ground No. 2	Burial Ground	
118-D-3	118-D-3, 100-D Burial Ground No. 3	Burial Ground	
118-D-4	118-D-4, Construction Burial Ground, Burial Ground 4F, 118-D-4F	Burial Ground	
118-D-5	118-D-5, Ball 3X Burial Ground, Burial Ground 4G, 118-D-4G	Burial Ground	
128-D-1	128-D-1, 100 D/DR Burning Pit	Burn Pit	
116-DR-3	116-DR-3, 105-DR Storage Basin Trench	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-DR-4	116-DR-4, 105-DR Pluto Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-DR-6	116-DR-6, 1608-DR Liquid Disposal Trench, Wash Pad Liquid Waste Site 3C	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-DR-7	116-DR-7, 105-DR Inkwell Crib	Crib	
116-DR-8	116-DR-8, 117-DR Crib, 117-DR Seal Pit Crib	Crib	
116-DR-10	116-DR-10, 105-DR Fuel Storage Basin Cleanout Percolation, 105-DR Fuel Storage Discharge Pond, 105-DR Pond	Pond	
118-DR-1	118-DR-1, 105-DR Gas Loop Burial Ground	Burial Ground	
126-DR-1*	126-DR-1, 190-DR Clearwell Tank Pit	Dumping Area	
132-DR-1	132-DR-1, 1608-DR Waste Water Pumping Station, 1608-DR Effluent Pumping Station	Pump Station	
600-30	600-30, 100-DR Construction Lay-down Area	Dumping Area	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-FR-1	**EPA**	**CPP**	
141-C	141-C, 141-C Animal Barn, Large Animal Barn & Biology Laboratory, Hog Barn	Laboratory	
100-F-4	100-F-4, 108-F Building 12-inch French Drain	French Drain	
100-F-7	100-F-7, Underground Fuel Tank - 1705-F Building	Storage Tank	
100-F-9	100-F-9, French Drain at East End of 105-F Storage Room (Northeast Corner)	French Drain	
100-F-10	100-F-10, French Drain at East End of 105-F Storage Room (Southeast Corner)	French Drain	
100-F-11	100-F-11, 108-F Building 18 inch French Drain	French Drain	
100-F-12	100-F-12, 36 inch French Drain at 105-F Building	French Drain	
100-F-16	100-F-16, 108-F Building 30-inch French Drain, Undocumented	French Drain	
100-F-18	100-F-18, 105-F Condensate Drain Field, Underground Tank at 105-F Building, Undocumented	Drain/Tile Field	
100-F-19	100-F-19, 100-F Reactor Cooling Water Effluent Underground Pipelines, Contaminated Underground Lines, Effluent Water System, 1904-F Process Sewer	Radioactive Process Sewer	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-F-23	100-F-23, 141-C Drywell	French Drain	
100-F-24	100-F-24, 145-F Drywell	French Drain	
100-F-25	100-F-25, 146-FR Drywells	French Drain	
100-F-29	100-F-29, 100-F Experimental Animal Farm Process Sewer Pipelines	Radioactive Process Sewer	
100-F-31	100-F-31, 144-F Sanitary Sewer System	Septic Tank	
100-F-33	100-F-33, 146-F Aquatic Biology Fish Ponds	Unplanned Release	

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-FR-1 (continued)			
100-F-34	100-F-34, Biology Facility French Drain	French Drain	
116-F-1	116-F-1, Lewis Canal	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-2	116-F-2, 107-F Liquid Waste Disposal Trench	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-3	116-F-3, 105-F Storage Basin Trench	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-4	116-F-4, 105-F Pluto Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-5	116-F-5, Ball Washer Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-6	116-F-6, 1608-F Liquid Waste Disposal Trench, 105-F Cooling Water Trench	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-7	116-F-7, 117-F Crib, 116-F-7 Seal Pit Water Crib	French Drain	
116-F-8	116-F-8, 1904-F Outfall Structure	Outfall	
116-F-9	116-F-9, Animal Waste Leaching Trench	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-10	116-F-10, 105-F Dummy Decontamination French Drain, 116-F-8, 105 Dummy/Perf Decontamination Crib, Perf Decontamination Drain	French Drain	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-11	116-F-11, 105-F Cushion Corridor French Drain	French Drain	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-12	116-F-12, 148-F French Drain	French Drain	
116-F-14	116-F-14, 107-F Retention Basin, 107-F	Retention Basin	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-F-15	116-F-15, 108-F Radiation Crib	Sump	
116-F-16	116-F-16, PNL Outfall	Outfall	
126-F-2*	126-F-2, 183-F Clearwells	Dumping Area	

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-FR-1 (continued)			
128-F-2	128-F-2, 100-F Burning Pit	Burn Pit	
132-F-1	132-F-1, 132-F-1 Chronic Feeding Barn, 141-F, 141-F Sheep Barn	Laboratory	
132-F-3	132-F-3, 115-F Gas Recirculating Facility	Burial Ground	
132-F-4	132-F-4, 116-F Reactor Stack, 116-F Reactor Exhaust Stack, 132-F-4 Reactor Stack Demolition Site	Burial Ground	
132-F-5	132-F-5, 117-F Filter Building	Burial Ground	
132-F-6	132-F-6, 1608-F Waste Water Pumping Station, 1608-F Effluent Pumping Station, 132-F-6 Lift Station	Pump Station	
182-F	182-F, 182-F Reservoir	Dumping Area	
1607-F2	1607-F2, 1607-F2 Septic Tank, 124-F-2, 1607-F2 Sanitary Sewer System	Septic Tank	
1607-F3	1607-F3, 1607-F3 Septic Tank, 124-F-3, 1607-F3 Sanitary Sewer System	Septic Tank	
1607-F4	1607-F4, 1607-F4 Septic Tank, 124-F-4, 1607-F4 Sanitary Sewer System	Septic Tank	
1607-F5	1607-F5, 1607-F5 Septic Tank, 124-F-5, 1607-F5 Sanitary Sewer System	Septic Tank	
1607-F6	1607-F6, 1607-F6 Septic Tank, 124-F-6, 1607-F6 Sanitary Sewer System	Drain/Tile Field	
1607-F7	1607-F7, 141-M Building Septic Tank, 124-F-7	Septic Tank	
UPR-100-F-1	UPR-100-F-1, 141 Building Sewer Line Spill, UN-100-F-1, 141-C to 141-M Sewer Line Leak	Unplanned Release	
UPR-100-F-2	UPR-100-F-2, Basin Leak Ditch, 107-F Basin Leak Ditch, 100-F-3	Unplanned Release	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
UPR-100-F-3	UPR-100-F-3, Mercury Spill	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-FR-2	**EPA**	**CPP**	
100-F-2	100-F-2, Strontium Garden, PNL Ecological Study Strontium Garden	Laboratory	
100-F-14	100-F-14, 100-FR-2 Vent Pipe, 100-F Carpenter Shop Waste Site Vent	Storage Tank	
100-F-15	100-F-15, 108-F Building Ventilation French Drain, Undocumented	French Drain	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-F-20	100-F-20, PNL Parallel Pits	Trench	
100-F-28	100-F-28, Septic Tank and Drainfield	Septic Tank	
118-F-1	118-F-1, Minor Construction Burial Ground No. 2, Burial Ground No. 1, Solid Waste Burial Ground No. 2	Burial Ground	
118-F-2	118-F-2, Burial Ground No. 2, Solid Waste Burial Ground No. 1	Burial Ground	
118-F-3	118-F-3, Minor Construction Burial Ground No. 1, Burial Ground No. 3	Burial Ground	
118-F-4	118-F-4, 115-F Pit, 115-F Crib	Crib	
118-F-5	118-F-5, PNL Sawdust Pit, PNL Sawdust Respository, Battelle Sawdust Pit	Burial Ground	
118-F-6	118-F-6, PNL Solid Waste Burial Ground	Burial Ground	
118-F-7	118-F-7, 100-F Miscellaneous Hardware Storage Vault, Concrete Box	Storage	
118-F-9	118-F-9, PNL Rad Site	Burial Ground	
120-F-1	120-F-1, Glass Dump	Trench	
126-F-1	126-F-1, 184-F Powerhouse Ash Pit, 188-F Ash Disposal Area	Coal Ash Pit	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
128-F-1	128-F-1, 100-F Burning Pit, 100-F Burning Pit No. 1	Burn Pit	
128-F-3	128-F-3, PNL Burn Pit	Burn Pit	

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-FR-2 (continued)			
1607-F1	1607-F1, 1607-F1 Septic Tank and Associated Drain Field, 124-F-1, 1607-F1 Sanitary Sewer System, 1607-F1 Septic Tank	Septic Tank	
100-HR-1	**Ecology**	**CPP**	
100-H-3	100-H-3, 1716-H Garage Fuel Tank Site	Storage Tank	
100-H-4	100-H-4, 1717-H Hot Shop, French Drain, and, Contaminated Storage Unit	Maintenance Shop	
100-H-5	100-H-5, 107-H Retention Basin Sludge Burial Site, 107-H Buried Sludge Site, 107-H Grave	Burial Ground	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-H-7	100-H-7, French Drain A	French Drain	
100-H-8	100-H-8, French Drain B	French Drain	
100-H-9	100-H-9, French Drain C	French Drain	
100-H-10	100-H-10, French Drain D	French Drain	
100-H-11	100-H-11, Expansion Box French Drain E	French Drain	
100-H-12	100-H-12, Expansion Box French Drain F and Shielding Lead	French Drain	
100-H-13	100-H-13, French Drain G	French Drain	
100-H-14	100-H-14, Surface Contamination Zone H	Unplanned Release	
100-H-17	100-H-17, Suspect Unplanned Release: 116-H-2 Trench Overflow	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-H-21	100-H-21, 100-H Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
100-H-22	100-H-22, Soil Contaminated by Effluent Line Leakage	Unplanned Release	
100-H-24	100-H-24, 151-H Electrical Facilities, 151-H Substation	Electrical Substation	
100-H-31	100-H-31, Polychlorinated Biphenyl in Soil On North Side of 105-H Reactor Building	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-HR-1 (continued)			
116-H-1	116-H-1, 107-H Liquid Waste Disposal Trench	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-H-2	116-H-2, 1608-H Liquid Waste Disposal Trench, 1608-H Crib & Trench	Trench	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-H-3	116-H-3, 105-H Dummy Decontamination French Drain, Perf Decontamination Drain	French Drain	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-H-4	116-H-4, 105-H Pluto Crib	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-H-5	116-H-5, 116-H-5 Outfall Structure, 1904-H Outfall Structure, 116-H-5 Outfall Structure and Riverlines	Outfall	
116-H-7	116-H-7, 107-H Retention Basin, 107-H	Retention Basin	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-H-9	116-H-9, 117-H Crib, 117-H Seal Pit Crib	Crib	
126-H-2*	126-H-2, 183-H Clearwells/Disposal Pit	Dumping Area	
132-H-1	132-H-1, 116-H Reactor Exhaust Stack Burial Site	Burial Ground	
132-H-3	132-H-3, 1608-H Waste Water Pumping Station Site, 116-H-8, 1608-H Effluent Pumping Station Site	Pump Station	
1607-H2	1607-H2, 1607-H2 Septic Tank and Associated Drain Field, 1607-H2 Sanitary Sewer System, 124-H-2, 1607-H2 Septic Tank	Septic Tank	
1607-H4	1607-H4, 1607-H4 Septic Tank and Associated Drain Field, 1607-H4 Sanitary Sewer System, 124-H-4, 1607-H4 Septic Tank	Septic Tank	
100-HR-2	**Ecology**	**RPP**	
100-H-2	100-H-2, Buried Thimble Site	Burial Ground	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995); Proximity Site to 116-H-2
118-H-1	118-H-1, 100-H Burial Ground No. 1, 100-H-1	Burial Ground	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-HR-2 (continued)			
118-H-2	118-H-2, H-1 Loop Burial Ground, 100-H Burial Ground No. 2	Burial Ground	
118-H-3	118-H-3, Construction Burial Ground	Burial Ground	
118-H-4	118-H-4, Ball 3X Burial Ground	Burial Ground	
118-H-5	118-H-5, 105-H Thimble Pit	Burial Ground	
128-H-1	128-H-1, 100-H Burning Pit, 100-H Burning Pit No. 1	Burn Pit	
128-H-2	128-H-2, 100-H Burning Ground #2	Burn Pit	
128-H-3	128-H-3, 100-H Burning Ground #3	Burn Pit	
132-H-2	132-H-2, 117-H Filter Building Site	Burial Ground	
1607-H1*	1607-H1, 1607-H1 Septic Tank and Associated Drain Field, 124-H-1, 1607-H1 Sanitary Sewer System, 1607-H1 Septic Tank	Septic Tank	
600-151	600-151, Dumping Areas 50 yds and 200 yds Downstream of River Mile 14, Military installation NW of 100H Area	Dumping Area	
100-IU-1	**EPA**	**CPP**	
600-41	600-41, H 70 Anti-Aircraft Artillery (AAA) Site	Military Compound	Deleted From NPL (7/8/1998)
600-42	600-42, H 71 Anti-Aircraft Artillery (AAA) Site	Military Compound	Deleted From NPL (7/8/1998)
600-43	600-43, McGee Fish Farm	Dumping Area	Deleted From NPL (7/8/1998)
600-44	600-44, Herbicide/Pesticide Empty Container Pile, Enyert Well Empty Pesticide Container Dump, 600-68	Dumping Area	Deleted From NPL (7/8/1998)
600-45	600-45, Transite and Metal Debris Pile	Dumping Area	Deleted From NPL (7/8/1998)
600-101	600-101, RRCWP, Riverland Railroad Car Wash Pit	Depression/Pit (nonspecific)	Deleted From NPL (7/8/1998)

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-IU-1 (continued)			
600-102	600-102, 600 AMBS, 600 Area Army Munitions Burial Site	Burial Ground	Deleted From NPL (7/8/1998)
100-IU-2	**EPA**	**CPP**	
600-5	600-5, White Bluffs Waste Oil Dump, Asphalt Heliport	Dumping Area	
600-52	600-52, White Bluffs Surface Basin	Drain/Tile Field	
600-98	600-98, East White Bluffs City Landfills, East White Bluffs Dump and East White Bluffs Dump #2, East White Bluffs Landfill, EWBCL	Sanitary Landfill	
600-99	600-99, JA Jones 2, J. A. Jones #2, JA JONES2	Burial Ground	
600-100	600-100, White Bluffs Landfill, White Bluffs City Landfill, WBL, White Bluffs City Dump, 600-119	Sanitary Landfill	
600-120	600-120, White Bluffs Spare Parts Burn Pit, Spare Parts Burn Pit	Burn Pit	
600-124	600-124, White Bluffs Burn Site and Paint Disposal Area, Burn Site and Paint Disposal Area	Burn Pit	
600-125	600-125, White Bluffs Waste Disposal Trench 1, Waste Disposal Trenches	Trench	
600-127	600-127, White Bluffs Loading Docks and Fuel Storage Area, Fuel Storage Area	Storage	
600-128	600-128, White Bluffs Oil and Oil Filter Dump Site, Oil and Oil Filter Dump Site	Dumping Area	
600-129	600-129, White Bluffs Pre-MED Community Dump Site 1, Pre-MED White Bluffs Community Dump Site (Oil Can Site)	Dumping Area	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-IU-2 **(continued)**			
600-131	600-131, White Bluffs Water Station and Special Fabrication Shops and Warehouse, Special Fabrication Shop and Warehouse	Dumping Area	
600-132	600-132, White Bluffs Construction Contractor Shop Landfill, Construction Contracter Shop Landfill	Burial Ground	
600-139	600-139, White Bluffs Automotive Repair Shop and Associated Waste Sites, Automotive Repair Shop	Dumping Area	
600-176	600-176, White Bluffs Paint Disposal Area	Dumping Area	
600-181	600-181, White Bluffs Oil Dump	Dumping Area	
600-188	600-188, White Bluffs Waste Disposal Trench 2	Trench	
600-190	600-190, White Bluffs Warehouse Tar and/or Paint Disposal Area	Dumping Area	
600-201	600-201, White Bluffs Paint and Solid Waste Disposal Site	Dumping Area	
628-1	628-1, White Bluffs Burn Pit	Burn Pit	
100-IU-3	**Ecology**	**CPP**	
600-6	600-6, MIL - H-12-L, "Battery B" Nike Missile Launch Site	Military Compound	Deleted From NPL (7/8/1998)
600-7	600-7, Nike Asbestos Pipe Site, Concrete/Asbestos Pipe Site	Dumping Area	Deleted From NPL (7/8/1998)
600-8	600-8, MIL - H-06C, Control Center for "Battery A" Nike Missile, Wahluke Slope Nike Missile Base, WSNMB	Military Compound	Deleted From NPL (7/8/1998)
600-9	600-9, MIL - H-06L, Battery "A" Nike Missile Installation Launch Site, Wahluke Slope, Nike Missile Base, WSNMB	Military Compound	Deleted From NPL (7/8/1998)
600-10	600-10, MIL - H-12C, "Battery B" Nike Missile Control Center	Military Compound	Deleted From NPL (7/8/1998)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-IU-3 **(continued)**			
600-11	600-11, MIL - H-81R	Military Compound	Deleted From NPL (7/8/1998)
600-12	600-12, MIL - H-83C, Battery "C" Control Center	Military Compound	Deleted From NPL (7/8/1998)
600-13	600-13, MIL - H-83L, Battery "C" Launch Site	Military Compound	Deleted From NPL (7/8/1998)
600-14	600-14, MIL - PSN 01	Military Compound	Deleted From NPL (7/8/1998)
600-15	600-15, MIL - PSN 04	Military Compound	Deleted From NPL (7/8/1998)
600-16	600-16, MIL - PSN 07/10, PSN 10, H-07-H, Base Camp 500	Military Compound	Deleted From NPL (7/8/1998)
600-17	600-17, MIL - PSN 12/14 Site and Military Dump, Tent Camp 505, PSN 12, H-14	Military Compound	Deleted From NPL (7/8/1998)
600-18	600-18, MIL - PSN 72/82, PSN 72, H-82, Tent Camp 515	Military Compound	Deleted From NPL (7/8/1998)
600-19	600-19, MIL - PSN 90, H-90, Base Camp 410	Military Compound	Deleted From NPL (7/8/1998)
600-72	600-72, Wahluke Slope H-12-R Debris Site, H-12R	Dumping Area	Deleted From NPL (7/8/1998)
600-73	600-73, Wahluke Slope Igloo Sites	Military Compound	Deleted From NPL (7/8/1998)
600-74	600-74, Wahluke Slope PSN 12/14 Military Construction Dump, Motor Pool Dump	Military Compound	Deleted From NPL (7/8/1998)
600-75	600-75, Wahluke Slope PSN 80 Debris Site	Dumping Area	Deleted From NPL (7/8/1998)
600-76	600-76, Wahluke Slope "Radar" Site, Underground Rooms	Military Compound	Deleted From NPL (7/8/1998)
600-77	600-77, Wahluke Slope Shrapnel Sites, Antiaircraft Gun Shrapnel Sites 1, 2, 3	Military Compound	Deleted From NPL (7/8/1998)
600-78	600-78, Power Pole 12-3 Cistern, 12-3 Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-79	600-79, Wahluke Slope Clay Pit Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-80	600-80, Wahluke Slope Cow Camp Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-81	600-81, Wahluke Slope Homestead Cistern	Settling Tank	Deleted From NPL (7/8/1998)

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-IU-3 (continued)			
600-82	600-82, Wahluke Slope Overlook Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-83	600-83, Wahluke Slope Stock Tank Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-84	600-84, Wahluke Slope Wagon Road Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-85	600-85, Wahluke Slope Stove Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-86	600-86, Wahluke Slope Wasteway Cistern	Catch Tank	Deleted From NPL (7/8/1998)
600-87	600-87, Wahluke Slope Dune Homestead	Dumping Area	Deleted From NPL (7/8/1998)
600-88	600-88, Wahluke Slope Lonetree Homestead	Dumping Area	Deleted From NPL (7/8/1998)
600-89	600-89, Wahluke Slope Asphalt Batch Plant	Dumping Area	Deleted From NPL (7/8/1998)
600-90	600-90, Wahluke Slope Coyote Bait Can/Bait Station	Dumping Area	Deleted From NPL (7/8/1998)
600-91	600-91, Wahluke Slope Gravel Pit #47	Depression/Pit (nonspecific)	Deleted From NPL (7/8/1998)
600-92	600-92, Wahluke Slope Gravel Pit #56, Borrow Pit #56	Depression/Pit (nonspecific)	Deleted From NPL (7/8/1998)
600-93	600-93, Hanford Firing Range	Dumping Area	Deleted From NPL (7/8/1998)
600-94	600-94, Wahluke Schoolhouse	Foundation	Deleted From NPL (7/8/1998)
600-95	600-95, Wahluke Slope Bridge Disposal Area, Bridge Overlook Site	Dumping Area	Deleted From NPL (7/8/1998)
600-104	600-104, USBR, USBR 2,4-D Burial Site, USBR-2.4-D	Burial Ground	Deleted From NPL (7/8/1998)
100-IU-4	**Ecology**	**CPP**	
600-105	600-105, SDBDL, Sodium Dichromate Barrel Disposal Landfill	Burial Ground	Closed Out (2/12/1996)
100-IU-5	**Ecology**	**CPP**	
600-106	600-106, WBPAC, White Bluffs Pickling Acid Cribs, White Bluff Pickling Acid Cribs	Crib	Closed Out (2/12/1996)
100-IU-6	**EPA**	**CPP**	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-IU-6 (continued)			
600-3	600-3, Hanford Townsite Excess Material Storage Yard/Paint Pit	Dumping Area	
600-107	600-107, 213-J&K Cribs, Gable Mountain Plutonium Storage Vault Cribs, 213-J & K Cribs	Crib	
600-108*	600-108, 213-J&K Vaults, 213-J&K Storage Facility (SF), 213-J & K Magazine Waste Storage Cavern, 213-J & K Storage Facility	Storage	
600-109	600-109, HTCL, Hanford Trailer Camp Landfill	Sanitary Landfill	
600-110	600-110, HTL, Hanford Townsite Landfill	Sanitary Landfill	
600-111	600-111, P-11 Critical Mass Laboratory Crib, 116-F-6	Crib	
600-149	600-149, Small Arms Range, Rifle and Pistol Range, 661 Complex, 600-54	Military Compound	
600-202	600-202, Hanford Townsite Four Burn and Burial Pits	Burn Pit	
600-204	600-204, Hanford Townsite Burn and Burial Trench	Burn Pit	
600-205	600-205, Hanford Townsite Landfill 2	Dumping Area	
600-208	600-208, Hanford Construction Camp Boiler House Ponds	Pond	
UPR-600-16	UPR-600-16, P-11 Fire and Contamination Spread, UN-600-16, UN-616-16	Unplanned Release	
100-KR-1	**EPA**	**CPP**	
116-K-1	116-K-1, 100-K Crib, 100-K Pond, 116-K-1 Trench, 107-K Pond, 107-K(E) Sump, 100-K Emergency Pond	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-KR-1 (continued)			
116-K-2	116-K-2, 100-K Mile Long Trench, K Trench, 116-K-2 Trench, 100-K Emergency Trench, 107-K Effluent Trench, Bypass Crib Ditch	Trench	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-K-3*	116-K-3, 1904-K Outfall Structure, 1908-K Outfall Structure	Outfall	
116-KE-4	116-KE-4, 107-KE Retention Basins, 107-KE	Retention Basin	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-KW-3	116-KW-3, 107-KW Retention Basin, 107-KW	Retention Basin	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-KR-2	**EPA**	**CPP**	
100-K-1	100-K-1, 119-KW French Drain, 119-KW Exhaust Air Sample Building French Drain, 116-KW-1 Storage Basin French Drain, 100-K-45	French Drain	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-K-2	100-K-2, 118-K-2, 118-K-2 Sludge Burial Ground, Burial Area	Burial Ground	
100-K-13	100-K-13, French Drain West of the 166-KW Oil Storage Tank Facility	French Drain	
100-K-14	100-K-14, 183-KE Acid Neutralization Pit and Overflow French Drain	French Drain	
100-K-18	100-K-18, 183-KW Caustic Neutralization Pit	Sump	
100-K-29	100-K-29, 183-KE Sandblasting Site	Dumping Area	
100-K-30	100-K-30, 183-KE Sulfuric Acid Tank (West Tank)	Storage Tank	
100-K-31	100-K-31, 183-KE Sulfuric Acid Tank (East tank)	Storage Tank	
100-K-32	100-K-32, 183-KW Sulfuric Acid Tank (East tank)	Storage Tank	
100-K-33	100-K-33, 183-KW Sulfuric Acid Tank (West tank)	Storage Tank	

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-KR-2 (continued)			
100-K-34	100-K-34, 183-KW Acid Neutralization Pit	Sump	
100-K-35	100-K-35, 183-KE Acid Neutralization Pit	Sump	
100-K-36	100-K-36, 1706-KE Chemical Storage Facility Dry Well	French Drain	
100-K-42*	100-K-42, 100 Area KE Basin, 105-KE Fuel Storage Basin, K East Basin, Irradiated Fissile Material Storage, Metal Storage Basin, 100-K-40	Storage	
100-K-43*	100-K-43, KW Basin, 105-KW Fuel Storage Basin, K West Basin, Irradiated Fissile Material Storage	Storage	
100-K-46	100-K-46, 119-KE French Drain, Drywell	French Drain	
100-K-48	100-K-48, 100-KE Oil Contamination Areas	Unplanned Release	
100-K-49	100-K-49, 100-KW Oil Contamination Area	Unplanned Release	
100-K-53	100-K-53, 100-KE Glycol Heat Recovery Undergound Pipelines	Product Piping	
100-K-54	100-K-54, 100-KW Glycol Heat Recovery Underground Pipelines	Product Piping	
100-K-55	100-K-55, 100-KW Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
100-K-56	100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
118-K-1	118-K-1, 100-K Burial Ground, 118-K	Burial Ground	
128-K-1	128-K-1, 100-K Burning Pit	Burn Pit	
128-K-2	128-K-2, 100-K Construction Dump	Burn Pit	
130-K-2	130-K-2, 1717-K Waste Oil Storage Tank	Storage Tank	
116-KE-1	116-KE-1, 115-KE Condensate Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
100-KR-2 (continued)			
116-KE-2	116-KE-2, 1706-KER Waste Crib	Crib	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
116-KE-3	116-KE-3, 105-KE Storage Basin French Drain, 105-KE Fuel Storage Basin Sub-Basin Drainage Disposal System Crib	Injection/Reverse Well	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
120-KE-1	120-KE-1, 183-KE Filter Waste Facility Dry Well, 100-KE-1, 183-KE Filter Water Facility, 183-KE Acid Neutralization Pit, 100-K-26	Sump	
120-KE-2	120-KE-2, 183-KE Filter Waste Facility French Drain, 100-KE-2, 183 KE Filter Water Facility	French Drain	
120-KE-3	120-KE-3, 100-KE-3, 183-KE Filter Water Facility Trench	Trench	
120-KE-6	120-KE-6, 183-KE Sodium Dichromate Tank	Foundation	
130-KE-1	130-KE-1, 105-KE Emergency Diesel Oil Storage Tank, 105-KE Emergency Diesel Fuel Tank	Storage Tank	
116-KW-1	116-KW-1, 115-KW Condensate Crib	Crib	Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995)
116-KW-2	116-KW-2, 105-KW Storage Basin French Drain, 105-KW Basin Reverse Well, 105-KW Fuel Storage Basin Sub-Basin Drainage Disposal System Crib	Injection/Reverse Well	Amendment to the Interim Remedial Action Record of Decision, 100-BC-1, 100-DR-1, 100-HR-1 (1995) (1997)
120-KW-1	120-KW-1, 183-KW Filter Water Facility Dry Well, 100-KW-1, 183-KW Acid Neutralization Pit, 100-K-17	Sump	
120-KW-2	120-KW-2, 183-KW Filter Water Facility French Drain, 100-KW-2	French Drain	
120-KW-5	120-KW-5, 183-KW Sodium Dichromate Storage Tank	Foundation	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-KR-2 (continued)			
130-KW-1	130-KW-1, 105-KW Emergency Diesel Oil Storage Tank, 105-KW Emergency Diesel Fuel Tank	Storage Tank	
600-29	600-29, 100-K Construction Lay-down Area, 100-K-41	Dumping Area	
UPR-100-K-1	UPR-100-K-1, 100-KE Fuel Storage Basin leak, UN-100-K-1	Unplanned Release	
100-NR-1	**Ecology**	**RPP**	
100-N-1	100-N-1, HGP Settling Pond	Pond	
100-N-3*	100-N-3, Maintenance Garage French Drain, Maintenance Garage Waste Water Treatment Unit	French Drain	
100-N-4*	100-N-4, HGP Tile Field	Drain/Tile Field	
100-N-5	100-N-5, HGP Disposal and Storage Area, HGP Bone Yard	Storage	
100-N-41	100-N-41, 1701-NE Septic Tank	Septic Tank	
100-N-45	100-N-45, 1703-N Septic Tank	Septic Tank	
100-N-46	100-N-46, HGP Diesel Oil Storage Tank	Storage Tank	
116-N-1**	116-N-1, 1301-N Liquid Waste Disposal Facility, 1301-N Crib and Trench	Crib	
116-N-2	116-N-2, 1310-N Chemical Waste Storage Tank, The Golf Ball, 1310-N Waste Storage Area	Storage Tank	
116-N-3**	116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench	Crib	
116-N-4	116-N-4, 1300-N Emergency Dump Basin	Retention Basin	
118-N-1	118-N-1, 100-N Area Silos, 100-N Area Spacer Silos, 118-N, 1303-N Spacer Silos, 1303-N Radioactive Dummy Burial Facility	Silo	
120-N-1**	120-N-1, 1324-NA Percolation Pond	Pond	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-NR-1 (continued)			
120-N-2**	120-N-2, 1324-N Surface Impoundment	Surface Impoundment	
120-N-3	120-N-3, 163-N Neutralization Pit and French Drain	French Drain	
120-N-5	120-N-5, 108-N/163-N Transfer Line And Neutralization Pit	Sump	
120-N-6	120-N-6, 108-N Acid Tank Vent French Drains	French Drain	
120-N-7	120-N-7, 100-N Acid Unloading Facility French Drain	French Drain	
120-N-8	120-N-8, 163-N Sulfuric Acid Tank Vent French Drain	French Drain	
124-N-1*	124-N-1, 124-N-1 Septic Tank, 100-N Sanitary Sewer System No. 1	Septic Tank	
124-N-2	124-N-2, 124-N-2 Septic Tank, 100-N Sanitary Sewer System No. 2	Septic Tank	
124-N-3	124-N-3, 124-N-3 Septic Tank, 100-N Sanitary Sewer System No. 3	Septic Tank	
124-N-4	124-N-4, 100-N Sanitary Sewer System No. 4, 124-N-4 Septic Tank	Septic Tank	
124-N-5	124-N-5, 100-N Sanitary Sewer System No. 5, 124-N-5 Septic Tank	Septic Tank	
124-N-6	124-N-6, 100-N Sanitary Sewer System No. 6, 124-N-7 Septic Tank	Septic Tank	
124-N-7	124-N-7, 100-N Sanitary Sewer System No. 7, 124-N-7 Septic Tank	Septic Tank	
124-N-8	124-N-8, 100-N Sanitary Sewer System No. 8, 124-N-8 Septic Tank	Septic Tank	
124-N-9*	124-N-9, 124-N-9 Septic Tank, 100-N Sanitary Sewer System No. 9	Septic Tank	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-NR-1 (continued)			
124-N-10*	124-N-10, 124-N-10 Sanitary Sewer System, 100-N Central Sewer System No. 10, Project H-677	Sewage Lagoon	
128-N-1	128-N-1, 100-N Burning Pit, 128-N-1 Burning Pit	Burn Pit	
130-N-1*	130-N-1, 183-N Backwash Discharge Pond, 126-N-1, 183-N Filter Backwash Pond,	Pond	
1908-NE	1908-NE, HGP Outfall, 1908-NE Building	Outfall	
600-32	600-32, N Area Landfill	Dumping Area	
UPR-100-N-1	UPR-100-N-1, 100-N 1304-N Dump Tank, UN-100-N-1, Emergency Dump Tank Inlet Valve Box Leak	Unplanned Release	
UPR-100-N-2	UPR-100-N-2, 100-N FLV-858 Valve Leak, UN-100-N-2	Unplanned Release	
UPR-100-N-3	UPR-100-N-3, Dummy Fuel Transfer Line, UN-100-N-3, Spacer Disposal System Transport Line Leak, UN-116-N-3	Unplanned Release	
UPR-100-N-4	UPR-100-N-4, 1322-A Sump Overflow, UN-100-N-4	Unplanned Release	
UPR-100-N-5	UPR-100-N-5, 1310-N Chemical Waste Storage Tank Leak, UN-100-N-5, 116-N-2 Radioactive Chemical Waste Treatment Storage Facility	Unplanned Release	
UPR-100-N-6	UPR-100-N-6, 1 1/2 Inch Chemical Decontam. Waste Drain Line Leaks, UN-100-N-6, UN-116-N-6, Chemical Decontamination Waste Drain Line Leak	Unplanned Release	
UPR-100-N-7	UPR-100-N-7, Ten-inch Radioactive Drain Return Line Leak, UN-116-N-7, UN-100-N-7	Unplanned Release	
UPR-100-N-8	UPR-100-N-8, 1322-A Sump Overflow, UN-100-N-8	Unplanned Release	

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Listing by Operable Unit. (Sheet 31 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-NR-1 (continued)			
UPR-100-N-9	UPR-100-N-9, 119-N Cooling Water Drain Line Leak, UN-100-N-9	Unplanned Release	
UPR-100-N-10	UPR-100-N-10, 100-N Area 105-N Check Valve, UN-100-N-10, Lift Station Gravity Drain Line Leak	Unplanned Release	
UPR-100-N-11	UPR-100-N-11, Five Hundred Pound Valve Bonnet Contamination in Uncontrolled Area, 100-N Area Valve Bonnet, UN-100-N-11	Unplanned Release	
UPR-100-N-12	UPR-100-N-12, Spacer Transport Line Leak, UN-100-N-12	Unplanned Release	
UPR-100-N-13	UPR-100-N-13, 1314-N Loading Station, 1314-N Drywell Overflow, UN-100-N-13	Unplanned Release	
UPR-100-N-14	UPR-100-N-14, 119-N Drain System Leak, UN-100-N-14	Unplanned Release	
UPR-100-N-15	UPR-100-N-15, 108-N Neutralization Sump Spill, UN-116-N-15, UN-100-N-15	Unplanned Release	
UPR-100-N-17	UPR-100-N-17, 166-N Diesel Oil Supply Line Leak, UN-100-N-17	Unplanned Release	
UPR-100-N-18	UPR-100-N-18, 166-N Four-inch Diesel Oil Supply Line to 184-N Leak, UN-100-N-18	Unplanned Release	
UPR-100-N-19	UPR-100-N-19, 184-N Day Tank Fuel Oil Spill, UN-116-N-19, UN-100-N-19	Unplanned Release	
UPR-100-N-20	UPR-100-N-20, 166-N Two-inch Diesel Oil Return Line Leak, UN-116-N-20, UN-100-N-20	Unplanned Release	
UPR-100-N-21	UPR-100-N-21, 184-N Diesel Oil Day Tank Overflow, UN-116-N-21, UN-100-N-21	Unplanned Release	
UPR-100-N-22	UPR-100-N-22, 184-N Diesel Oil Supply Line Leak No. 1, UN-100-N-22, UN-116-N-22	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
100-NR-1 (continued)			
UPR-100-N-23	UPR-100-N-23, 184-N Diesel Oil Supply Line Leak No. 2, UN-100-N-23, UN-116-N-23	Unplanned Release	
UPR-100-N-24	UPR-100-N-24, 166-N Fuel Oil Supply Line Leak, UN-116-N-24, UN-100-N-24	Unplanned Release	
UPR-100-N-25	UPR-100-N-25, Uncontrolled Venting of 1310-N Tank, UN-100-N-25	Unplanned Release	
UPR-100-N-26	UPR-100-N-26, Backflow of Radioactive Waste in 1314-N Facility, UN-100-N-26	Unplanned Release	
UPR-100-N-29	UPR-100-N-29, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-29	Unplanned Release	
UPR-100-N-30	UPR-100-N-30, 1304-N Dump Tank, Emergency Dump Tank Overflow, UN-100-N-30	Unplanned Release	
UPR-100-N-31	UPR-100-N-31, Radioactive Effluent Water Spill Near 1301-N, UN-100-N-31	Unplanned Release	
UPR-100-N-32	UPR-100-N-32, 1304-N Dump Tank, Emergency Dump Tank Bypass Line Leak, UN-100-N-32	Unplanned Release	
UPR-100-N-33	UPR-100-N-33, 108-N Acid Transfer Spill, UN-116-N-33, UN-100-N-33	Unplanned Release	
UPR-100-N-34	UPR-100-N-34, 108-N Tank Transfer, Sulfuric Acid Line Break, UN-100-N-34	Unplanned Release	
UPR-100-N-35	UPR-100-N-35, 100-N Fuel Basin Drainage System Leak, UN-116-N-35, 105-N Fuel Storage Basin Drainage System Leak, UN-100-N-35	Unplanned Release	
UPR-100-N-37	UPR-100-N-37, HGP Transformer Yard	Unplanned Release	
UPR-600-17	UPR-600-17, 600 Area Patrol Boat Spill, UN-600-17	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-1	**Ecology**		
316-5**	316-5, 3904 Process Waste Trenches, 300 Area Process Trenches, 300 APT	Trench	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
300-FF-1	**EPA**	**CPP**	
300 ASH PITS	300 ASH PITS, 300 Ash Pits, 300 Area Ash Pits	Coal Ash Pit	Closed Out (12/17/1997)
300 FBP	300 FBP, 300 Area Filter Backwash Pond	Surface Impoundment	No Action (2/19/1998)
300 RFBP	300 RFBP, 300 Area Retired Filter Backwash Pond, Pond 5, East Bay of South Process Pond	Pond	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
300-3	300-3, 300-FF-1 Aluminum Hydroxide	Burial Ground	No Action (7/9/1997)
300-44	300-44, R-32, UPR-300-FF-1, UN-300-FF-1	Unplanned Release	Closed Out (12/17/1997)
300-49	300-49, Landfill 1a, UPR-300-FF-1, UN-300-FF-1	Dumping Area	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
300-50	300-50, Landfill 1b, UPR-300-FF-1, UN-300-FF-1	Dumping Area	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
300-51	300-51, Landfill 1c, UPR-300-FF-1, UN-300-FF-1	Dumping Area	No Action (7/9/1997)
300-52	300-52, 300 Area Sanitary Trenches	Trench	No Action (7/9/1997)
316-1	316-1, South (old) Pond, 300 Area South Process Pond	Pond	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
316-2	316-2, North (new) Pond, 300 Area North Process Pond	Pond	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
618-4	618-4, Burial Ground No. 4, 318-4	Burial Ground	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
618-12	618-12, North Process Pond Scraping Disposal Area	Burial Ground	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
628-4	628-4, Landfill 1D	Burn Pit	Record of Decision, 300-FF-1 and 300-FF-5 (1997)
UPR-300-FF-1	UPR-300-FF-1, 300-FF-1 Hot Spots, Surface Radiation Survey for 300-FF-1, UN-300-FF-1,	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997)

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-1 (continued)			
UPR-300-8	UPR-300-8, Caustic Spill from 311 Tank Farm to Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-9	UPR-300-9, Nitric Acid Leak from 306-W to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-15	UPR-300-15, Uranium Bearing Acid Release from 313 to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-19	UPR-300-19, Chemical Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-20	UPR-300-20, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-21	UPR-300-21, Nitric Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-22	UPR-300-22, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-23	UPR-300-23, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-24	UPR-300-24, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-25	UPR-300-25, Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-26	UPR-300-26, Caustic Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-27	UPR-300-27, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-28	UPR-300-28, Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-29	UPR-300-29, Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-30	UPR-300-30, Acid Release to the Process Sewer	Unplanned Release	Closed Out (5/14/1998)
UPR-300-32	UPR-300-32	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-1 (continued)			
UPR-300-33	UPR-300-33	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1
UPR-300-34	UPR-300-34	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1
UPR-300-35	UPR-300-35	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1
UPR-300-36	UPR-300-36	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1
UPR-300-37	UPR-300-37	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-1
UPR-300-47	UPR-300-47, 309 Building, Ethylene Glycol Release, Glycol Spill from the 309, Chiller System	Unplanned Release	Closed Out (5/14/1998)
UPR-600-15	UPR-600-15, UN-600-15	Unplanned Release	Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 618-4
300-FF-2	**Ecology**		
303-M UOF**	303-M UOF, 303-M Uranium Oxide Facility	Process Unit/Plant	
300-FF-2	**EPA**	**CPP**	
300 IFBD	300 IFBD, 300 Area Interim Filter Backwash Disposal	Depression/Pit (nonspecific)	
300 RLWS*	300 RLWS, 300 Area RLWS, 300 Area Radioactive Liquid Waste Sewer	Radioactive Process Sewer	
300 RRLWS	300 RRLWS, 300 Area Retired RLWS, 300 Area Retired Radioactive Liquid Waste Sewer System	Radioactive Process Sewer	
300 SSS*	300 SSS, 300 Area Sanitary Sewer System	Sanitary Sewer	
300 VTS	300 VTS, 300 Area Vitrification Test Site, In-Situ Vitrification (ISV) Test Site	Process Unit/Plant	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-2 (continued)			
300-45	300-45, Surface Contamination Area, Location 3: Bird Droppings Area (Southwest corner of the 316-5 process Trenches Fence Line). SCA #1	Unplanned Release	Closed Out (12/17/1997)
307 RB*	307 RB, 307 Retention Basins	Retention Basin	
309-TW-1	309-TW-1, 309-TW Tank #1, 309 Holdup Tanks	Storage Tank	
309-TW-2	309-TW-2, 309-TW Tank #2, 309 Holdup Tanks	Storage Tank	
309-TW-3	309-TW-3, 309-TW Tank #3, 309 Holdup Tank	Storage Tank	
315 RSDF	315 RSDF, 315 Retired Sanitary Drain Field	Drain/Tile Field	
316-3	316-3, 307 Disposal Trenches, Process Water Trenches	Trench	
316-4	316-4, 321 Cribs, 300 North Cribs, 316-N-1, 616-4, 3-Crib	Crib	
331 LSLDF	331 LSLDF, 331 LSL Drain Field, 331 Life Sciences Laboratory Drainfield	Drain/Tile Field	
331 LSLT1	331 LSLT1, 331 LSL Trench 1, 331 Life Sciences Laboratory Trench #1	Trench	
331 LSLT2	331 LSLT2, 331 LSL Trench 2, 331 Life Sciences Laboratory Trench #2	Trench	
335 & 336 RSDF	335 & 336 RSDF, 335 & 336 Retired Sanitary Drain Field	Drain/Tile Field	
400 FD1A*	400 FD1A, 400 Area French Drain 1A, French Drain Number 1A, French Drain 1-A	French Drain	
400 FD1B*	400 FD1B, 400 Area French Drain 1B, French Drain Number 1B, French Drain 1-B	French Drain	
400 FD2*	400 FD2, 400 Area French Drain 2, French Drain Number 2, French Drain 2	French Drain	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-2 **(continued)**			
400 FD3*	400 FD3, 400 Area French Drain 3, French Drain Number 3, French Drain 3	French Drain	
400 FD4*	400 FD4, 400 Area French Drain 4, French Drain Number 4, French Drain 4	French Drain	
400 FD5*	400 FD5, 400 Area French Drain 5, French Drain Number 5, French Drain 5	French Drain	
400 FD6*	400 FD6, 400 Area French Drain 6, French Drain Number 6, French Drain 6	French Drain	
400 FD7*	400 FD7, 400 Area French Drain 7, French Drain Number 7, French Drain 7	French Drain	
400 FD8*	400 FD8, 400 Area French Drain 8, French Drain Number 8, French Drain 8	French Drain	
400 FD9*	400 FD9, 400 Area French Drain 9, French Drain Number 9, French Drain 9	French Drain	
400 FD10*	400 FD10, 400 Area French Drain 10, French Drain Number 10, French Drain 10	French Drain	
400 FD10A*	400 FD10A, 400 Area French Drain 10A, French Drain Number 10A, French Drain 10A	French Drain	
400 PPSS*	400 PPSS, 400 Area Process Pond and Sewer System, 4904 Process sewer system, 4904 Process Sewer Main, 4608 Percolation, Pond,4608B Control Structure and Process Sewer Sampling Site, 400 PPSS	Pond	
400 RFD	400 RFD, 400 Area Retired French Drains	French Drain	
400 RSP	400 RSP, 400 Area Retired Sanitary Pond	Pond	
400 RST	400 RST, 400 Area Retired Septic Tanks	Septic Tank	
400 SBT	400 SBT, 400 Area Sand Bottom Trench, 400 Area Retired Sand Bottom Trench, Cooling Tower Overflow Trench	Trench	
400 SS*	400 SS, 400 Area Sanitary Sewer, 4608 Sanitary Sewer, 4608 SS	Septic Tank	

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Listing by Operable Unit. (Sheet 38 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-2 **(continued)**			
400 STF*	400 STF, 400 Area Sanitary Tile Field, 4608 Sanitary Tile Field, 4608 STF	Drain/Tile Field	
403 FD*	403 FD, Discharge point from the 403 Building, 403 French Drain, 400 Area French Drain Discharge from 403, 400 Area Drain Discharge from 403	Drain/Tile Field	
4713-B FD*	4713-B FD, 4713-B French Drain	French Drain	
4721 FD*	4721 FD, 4721 French Drain, 400 Area French Drain Discharge from 4721 Building, Miscellaneous Stream #28	French Drain	
4722-B FD*	4722-B FD, 4722-B French Drain	French Drain	
4722-C FD*	4722-C FD, 4722-C French Drain, French Drain South of 4722-C	French Drain	
4831 LHWSA	4831 LHWSA, 4831 Laydown HWSA, 4831 Laydown Hazardous Waste Storage Area, 4831 Flammable Storage Facility	Storage Pad (<90 day)	
618-1	618-1, Solid Waste Burial Ground No. 1, 318-1	Burial Ground	
618-2	618-2, Solid Waste Burial Ground No. 2, 318-2	Burial Ground	
618-3	618-3, Solid Waste Burial Ground No. 3, 318-3, Burial Ground #3, Dry Waste Burial Ground No. 3	Burial Ground	
618-5	618-5, Burial Ground No. 5, Regulated Burning Ground, 318-5	Burial Ground	
618-6	618-6, Solid Waste Burial Ground #6	Burial Ground	
618-7	618-7, Solid Waste Burial Ground No. 7, Burial Ground #7, 318-7	Burial Ground	
618-8	618-8, Solid Waste Burial Ground No. 8, 318-8, Early Solid Waste Burial Ground	Burial Ground	

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Listing by Operable Unit. (Sheet 39 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-2 (continued)			
618-9	618-9, 300 West Burial Ground, 318-9, Dry Waste Burial Site No. 9	Burial Ground	
618-10	618-10, 300 North Solid Waste Burial Ground, 318-10	Burial Ground	
618-11	618-11, Y Burial Ground, 318-11, 300 Wye Burial Ground	Burial Ground	
618-13	618-13, 318-13, 303 Building Contaminated Soil Burial Site	Burial Ground	
JA JONES 1	JA JONES 1, JA Jones 1, JA Jones Dumping Pit #1, JA Jones Construction Pit #1	Dumping Area	
UPR-300-1	UPR-300-1, 316-1, 316-1A, 307-340 Waste Line Leak, UN-300-1	Unplanned Release	
UPR-300-2	UPR-300-2, UN-300-2	Unplanned Release	
UPR-300-4	UPR-300-4, UN-300-4	Unplanned Release	
UPR-300-5	UPR-300-5, UN-300-5	Unplanned Release	
UPR-300-7	UPR-300-7, UN-300-7, Oil Spill at 384 Building	Unplanned Release	
UPR-300-10	UPR-300-10, UN-300-10	Unplanned Release	
UPR-300-11	UPR-300-11, UN-300-11	Unplanned Release	
UPR-300-12	UPR-300-12, UN-300-12	Unplanned Release	
UPR-300-13	UPR-300-13, UN-300-13	Unplanned Release	
UPR-300-14	UPR-300-14, UN-300-14	Unplanned Release	
UPR-300-17	UPR-300-17, UN-300-17	Unplanned Release	
UPR-300-18	UPR-300-18, UN-300-18	Unplanned Release	
UPR-300-39	UPR-300-39, UN-300-39	Unplanned Release	
UPR-300-40	UPR-300-40, UN-300-40, UPR-300-31, UN-300-31	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
300-FF-2 (continued)			
UPR-300-41	UPR-300-41, 300 Area #340 Building Phosphoric Acid Spill, UN-300-41	Unplanned Release	
UPR-300-42	UPR-300-42, 300 Area Powerhouse Fuel Oil Spill, UN-300-42	Unplanned Release	
UPR-300-43	UPR-300-43, 300 Area Solvent Refined Coal Spill, UN-300-43	Unplanned Release	
UPR-300-44	UPR-300-44, 313 Building, Uranium Bearing Waste Acid-Etch Spill, UN-300-44	Unplanned Release	
UPR-300-45	UPR-300-45, 303-F Building Uranium-Bearing Acid Spill, UN-300-45	Unplanned Release	
UPR-400-1	UPR-400-1, 400 Area Coolant Spill, UN-400-1	Unplanned Release	
200-CS-1	**Ecology**	**RPP**	
216-A-29**	216-A-29, Snow's Canyon, PUREX Chemical Sewer (CSL)	Ditch	
216-B-63**	216-B-63, B Plant Chemical Sewer, 216-B-63 Trench	Ditch	
216-S-10D**	216-S-10D, 216-S-10D Ditch, 202 Chemical Sump #1 and Ditch, Chemical Sewer Trench, Open Ditch to the Chemical Sewer Trench, 216-S-10 Ditch	Ditch	
216-S-10P**	216-S-10P, 216-S-10P Pond, 202-S Chemical Sump #1 and Ditch, Chemical Sewer Trench	Pond	
216-S-11	216-S-11, 202-S Chemical Sump #2 and Chemical Sewer Trench, 216-S-11 Swamp	Pond	
216-W-LWC	216-W-LWC, 216-W-LC, Laundry Waste Crib, 216-W-LWC Crib, 216-W-1	Crib	
UPR-200-W-34	UPR-200-W-34, Overflow at 216-S-10 Ditch, UN-200-W-34	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-1	**Ecology**	**RPP**	
216-A-9	216-A-9	Crib	
216-A-25	216-A-25, Gable Mountain Swamp, 216-A-25 Swamp, Gable Mountain Pond	Pond	
216-A-40	216-A-40, 216-A-39 Crib, 216-A-39 Trench	Retention Basin	
216-A-42	216-A-42, 207-AA Retention Basin, 216-A-42 Trench, 216-A-42 Retention Basin, 207-A Retention Basin	Retention Basin	
207-B	207-B, B Plant Retention Basin, 207-B Retention Basin	Retention Basin	
216-B-2-1	216-B-2-1, 216-B-1, B Swamp Ditch, 216-B-2, B Ditch	Ditch	
216-B-2-2	216-B-2-2, 216-B-2-2W, 216-B-1 Ditch	Ditch	
216-B-2-3	216-B-2-3, B Pond Ditch, B Swamp Ditch, 216-B-2-2E	Ditch	
216-B-3**	216-B-3, B Pond, B-3 Pond, B Swamp, 216-B-3 Swamp, B Plant Swamp	Pond	
216-B-3-1	216-B-3-1, B Swamp Ditch, 216-B-2, 216-B-3 Ditch	Ditch	
216-B-3-2	216-B-3-2, 216-B Ditch, 216-B-1 Ditch, B Swamp Ditch, 216-B-2-2E	Ditch	
216-B-3-3**	216-B-3-3, B Swamp Ditch, 216-B-3-3 Ditch	Ditch	
216-B-3A RAD	216-B-3A RAD, 216-B-3A Expansion Lobe Residual Radioactive Waste, 216-B-3 1st Overflow Pond	Pond	
216-B-3B RAD	216-B-3B RAD, 216-B-3B Expansion Lobe Residual Radioactive Waste	Pond	
216-B-3C RAD	216-B-3C RAD, 216-B-3C Expansion Lobe Residual Radioactive Waste	Pond	
216-B-59	216-B-59, 216-B-58 Trench, 216-B-58 Ditch	Trench	
216-B-59B	216-B-59B, 216-B-59 Retention Basin	Retention Basin	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-1 (continued)			
216-C-9	216-C-9, 216-C-7 Swamp, Former 221-C Canyon Excavation, 216-C-9 Swamp, Semi-Works Swamp, 216-C-9 C Canyon Excavation Semiworks Swamp	Pond	
200-E PD*	200-E PD 200-E Powerhouse Ditch, 200 East Powerhouse Pond	Ditch	
216-E-28	216-E-28, 216-E-25, 200 East Area Contingency Pond	Pond	
216-N-8	216-N-8, West Lake, West Pond, 216-N-8 Pond, Honeyhill Pond, Seepage Pond	Pond	
UPR-200-E-14	UPR-200-E-14, UN-200-E-14, 216-B-3 Pond Dike Break	Unplanned Release	
UPR-200-E-32	UPR-200-E-32, UN-200-E-32, Coil Leak from 221-B	Unplanned Release	
UPR-200-E-34	UPR-200-E-34, Liquid Release to B-Pond and Gable Pond, UN-200-E-34	Unplanned Release	
UPR-200-E-51	UPR-200-E-51, Liquid Release from Purex to B-Pond, UN-200-E-51	Unplanned Release	
UPR-200-E-66	UPR-200-E-66, 216-A-42 Basin Contamination Release, UN-216-E-66, UN-200-E-66	Unplanned Release	
UPR-200-E-94	UPR-200-E-94, Vehicle Decontamintion Area, UN-216-E-22, UN-200-E-94	Unplanned Release	
UPR-200-E-138	UPR-200-E-138, Liquid release from B-Plant, UN-200-E-138, UPR-200-W-66, UN-216-W-66	Unplanned Release	
200-CW-2	**EPA**	**CPP**	
207-S	207-S, REDOX Retention Basin, 207-S Retention Basin	Retention Basin	
216-S-16D	216-S-16D, 202-S Swamp (New) and Ditch, 202-S Swamp #1, REDOX Pond #2, 216-S-24 Ditch	Ditch	

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Listing by Operable Unit. (Sheet 43 of 81)

Waste Unit Name	Waste Unit Aliases	Unit Type	Status
OPERABLE UNIT	**LEAD REGULATORY AGENCY**		
200-CW-2 (continued)			
216-S-16P	216-S-16P, 202-S Swamp and Ditch, 202-S Swamp #1, REDOX Pond #2	Pond	
216-S-17	216-S-17, 202-S Swamp, 202-S REDOX Swamp, 216-S-1 REDOX Pond No. 1, REDOX Swamp, 216-S-1	Pond	
216-S-172	216-S-172, 216-S-172 Weir Box and Control Structure, 2904-S-172 Weir, 216-S-172 Control Structure	Control Structure	
2904-S-160	2904-S-160, 2904-S-160 Control Structure, 2904-S-160 Weir	Control Structure	
2904-S-170	2904-S-170, 2904-S-170 Weir Box, 2904-S-170 Control Structure	Control Structure	
2904-S-171	2904-S-171, 2904-S-171 Weir Box, 2904-S-171 Control Structure	Control Structure	
UPR-200-W-13	UPR-200-W-13, Liquid Release from REDOX to 207-S and Swamp, UN-200-W-13	Unplanned Release	
UPR-200-W-15	UPR-200-W-15, Liquid Release from REDOX to the 207-S and Swamp, UN-200-W-15	Unplanned Release	
UPR-200-W-47	UPR-200-W-47, 216-S-16P Dike Release, UN-200-W-47	Unplanned Release	
UPR-200-W-59	UPR-200-W-59, Contaminated Liquid Released to 216-S-16P	Unplanned Release	
UPR-200-W-95	UPR-200-W-95, UN-216-W-2, 216-S-207 Redox Retention Basin	Unplanned Release	
200-CW-3	**EPA**	**CPP**	
216-N-1	216-N-1, 212-N Swamp, 216-N-1 Swamp, 216-N-1 Covered Pond	Pond	
216-N-2	216-N-2, 212-N Storage Basin Crib #1, 212-N #1 Trench, 216-N-1 Trench, 216-N-2 Trench	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-3 (continued)			
216-N-3	216-N-3, 212-N Storage Basin Crib #2, 212-N #2 Trench, 212-N #2 Grave, 212-N-2 Trench, 212-N-3 Trench	Trench	
216-N-4	216-N-4, 216-N-2, 216-N-4 Swamp, 212-P Swamp	Pond	
216-N-5	216-N-5, 212-P Storage Basin Crib, 212-P Trench, 212-P Grave, 216-N-5 Trench	Trench	
216-N-6	216-N-6, 212-R Swamp, 216-N-6 Swamp	Pond	
216-N-7	216-N-7, 212-R Storage Basin Crib, 212-R Trench, 212-R Grave, 216-N-7 Trench	Trench	
200-CW-4	**EPA**	**CPP**	
207-T	207-T, T Plant Retention Basin, 207-T, 207-T Retention Basin	Retention Basin	
216-T-1	216-T-1, 221-T Ditch, 221-T Trench, 216-T-1 Trench	Ditch	
216-T-4-1D	216-T-4-1D, 216-T-4 Ditch, 216-T-4 Swamp	Ditch	
216-T-4-2	216-T-4-2, 216-T-4-2 Ditch	Ditch	
216-T-4A	216-T-4A, 216-T-4 Swamp, 216-T-4-1 (P), 216-T-4-1 Pond	Pond	
216-T-4B	216-T-4B, 216-T-4 New Pond, 216-T-4-2 (P), 216-T-4-2 Pond	Pond	
216-T-12	216-T-12, 207-T Sludge Grave, 207-T Sludge Pit, 216-T-11	Trench	
200-CW-5	**EPA**	**CPP**	
207-U*	207-U, 207-U Retention Basin	Retention Basin	
216-U-9	216-U-9, U Swamp-S Swamp Ditch, 216-U-6	Ditch	
216-U-10	216-U-10, 231 Swamp, U Swamp, 216-U-1, 216-U-10 Pond	Pond	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-CW-5 (continued)			
216-U-11	216-U-11, U Swamp Extension Ditch, 216-U-12, 216-U-11 Trench, 216-U-11 Ditch, 216-U-11 (old ditch), 216-U-11 (new ditch)	Ditch	
216-U-14	216-U-14, Laundry Ditch, 216-U-14 Ditch	Ditch	
216-Z-1D	216-Z-1D, 216-Z-1, Drain Ditch to U Swamp, Z Plant Ditch	Ditch	
216-Z-11	216-Z-11, 216-Z-11 Ditch, Z Plant Ditch	Ditch	
216-Z-19	216-Z-19, 216-U-10 Ditch, Z Plant Ditch, 216-Z-19 Ditch	Ditch	
216-Z-20	216-Z-20, Z-19 Ditch Replacement Tile Field	Crib	
UPR-200-W-18	UPR-200-W-18, Liquid Release to 216-U-9	Unplanned Release	
UPR-200-W-104	UPR-200-W-104, UN-216-W-14, 216-U-10 Pond Leach Trench	Unplanned Release	
UPR-200-W-105	UPR-200-W-105, UN-216-W-15, 216-U-10 Pond Leach Trench	Unplanned Release	
UPR-200-W-106	UPR-200-W-106, UN-216-W-16, 216-U-10 Pond Leach Trench	Unplanned Release	
UPR-200-W-107	UPR-200-W-107, UN-216-W-17, 216-U-10 Pond Flood Plain, 216-U-10 Pond Leach Trench	Unplanned Release	
UPR-200-W-111	UPR-200-W-111, Sludge Trench at 207-U, UN-216-W-21	Unplanned Release	
UPR-200-W-112	UPR-200-W-112, Sludge Trench at 207-U, UN-216-W-22	Unplanned Release	
UPR-200-W-139	UPR-200-W-139, Liquid Release to the 216-U-9 Ditch, UN-200-W-139, UPR-200-W-18	Unplanned Release	
200-IS-1	**Ecology**	**RPP**	
241-A-151*	241-A-151, 241-A-151 Diversion Box	Diversion Box	
241-A-302A*	241-A-302A, 241-A-302-A Catch Tank	Catch Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
241-A-302B	241-A-302B, 241-A-302-B Catch Tank	Catch Tank	
241-B-154**	241-B-154, 241-B-154 Diversion Box	Diversion Box	
241-B-302B	241-B-302B, 241-B-302-B Catch Tank, 241-B-302	Catch Tank	
241-BX-154**	241-BX-154, 241-BX-154 Diversion Box	Diversion Box	
241-BX-155**	241-BX-155, 241-BX-155 Diversion Box	Diversion Box	
241-BX-302B	241-BX-302B, 241-BX-302-B Catch Tank	Catch Tank	
241-BX-302C	241-BX-302C, 241-BX-302-C Catch Tank	Catch Tank	
241-C-154**	241-C-154, 241-C-154 Diversion Box	Diversion Box	
241-CX-70**	241-CX-70, 241-CX-TK-70 Tank, Strontium Hot Semi-works	Storage Tank	
241-CX-71**	241-CX-71, 241-CX-TK-71, 241-CX Neutralization Tank, Strontium Hot Semi-works	Neutralization Tank	
241-CX-72**	241-CX-72, 241-CX-TK-72 Vault and Tank, 241-CX-72 Waste Self Concentrator, Strontium Hot Semi-works	Storage Tank	
241-ER-151*	241-ER-151, 241-ER-151 Diversion Box	Diversion Box	
241-ER-152*	241-ER-152, 241-ER-152 Diversion Box	Diversion Box	
241-ER-311*	241-ER-311, 241-ER-311 Catch Tank	Catch Tank	
241-ER-311A	241-ER-311A, 241-ER-311 Catch Tank, old 241-ER-311	Catch Tank	
240-S-151**	240-S-151, 240-S-151 Diversion Box	Diversion Box	
240-S-152**	240-S-152, 240-S-152 Diversion Box	Diversion Box	
240-S-302	240-S-302, 240-S-302 Catch Tank	Catch Tank	
276-S-141**	276-S-141, 276-S-TK-141, 276-S-306A, 276-S-141 Solvent Storage Tank, Tank 276-141, Hexone Storage Tank, 244-SX-15	Storage Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 **(continued)**			
276-S-142**	276-S-142, 276-S-TK-142, 276-S-306B, 276-S-142 Solvent Storage Tank, Tank 276-142, Hexone Storage Tank, 244-SX-15	Storage Tank	
241-SX-302	241-SX-302, 241-SX-302 Catch Tank, SX-304	Catch Tank	
241-TX-152*	241-TX-152, 241-TX-152 Diversion Box	Diversion Box	
241-TX-154*	241-TX-154, 241-TX-154 Diversion Box	Diversion Box	
241-TX-155**	241-TX-155, 241-TX-155 Diversion Box	Diversion Box	
241-TX-302B	241-TX-302B, 241-TX-302-B Catch Tank	Catch Tank	
241-TX-302BR	241-TX-302BR, 241-TX-302BR Catch Tank, 241-TXR-302BR	Catch Tank	
241-TX-302C*	241-TX-302C, 241-TX-302-C Catch Tank	Catch Tank	
216-TY-201	216-TY-201, Supernatant Disposal Flush Tank	Settling Tank	
241-U-151*	241-U-151, 241-U-151 Diversion Box	Diversion Box	
241-U-152*	241-U-152, 241-U-152 Diversion Box	Diversion Box	
241-UX-154*	241-UX-154, 241-UX-154 Diversion Box	Diversion Box	
241-UX-302A*	241-UX-302A, 241-U-302 Catch Tank, 241-UX-302 Catch Tank, 241-UX-302	Catch Tank	
200-W-7	200-W-7, 246-L, 243S-TK-1, 243-S-TK1	Catch Tank	
200-W-16	200-W-16, 292-T Underground Tanks	Storage Tank	
200-W-58	200-W-58, Z-Plant Diversion Box #1	Diversion Box	
200-W-59	200-W-59, Z-Plant Diversion Box #2	Diversion Box	
241-WR VAULT	241-WR VAULT, 241-WR Vault (Tanks -001 through -009), 241-WR Diversion Station Vault	Receiving Vault	

Appendix C

Listing by Operable Unit. (Sheet 48 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
241-Z**	241-Z, 241-Z Treatment and Storage Tanks, 241-Z Tank Farm, 241-Z Treatment and Storage System, 241-Z-D-4, 241-Z-D-5, 241-Z-D-7, 241-Z-D-8, 241-Z Sump, 241-Z Tank Pit	Neutralization Tank	
HSVP	HSVP, Hot Semiworks Valve Pit, 201-C Diversion Box, Semiworks Valve Pit	Valve Pit	
UPR-200-E-1	UPR-200-E-1, Waste Line Failure on South Side of 221-B	Unplanned Release	
UPR-200-E-3	UPR-200-E-3, Line leak from 221-B to 241-BX-154, UN-200-E-3	Unplanned Release	
UPR-200-E-25	UPR-200-E-25, Contamination Spread from the 241-A-151 Diversion Box, UN-200-E-25	Unplanned Release	
UPR-200-E-26	UPR-200-E-26, 241-A-151 Release, UN-200-E-26	Unplanned Release	
UPR-200-E-31	UPR-200-E-31, 241-A-151 Release, UN-200-E-31	Unplanned Release	
UPR-200-E-41	UPR-200-E-41, UN-200-E-41 Soil Contamination in the Vicinity of R-13 Stairwell (221-B), UPR-200-E-85	Unplanned Release	
UPR-200-E-42	UPR-200-E-42, 241-AX-151 Release, UN-200-E-42	Unplanned Release	
UPR-200-E-44	UPR-200-E-44, UN-200-E-44, Waste Line Leak South of 221-B	Unplanned Release	
UPR-200-E-45	UPR-200-E-45, UN-200-E-45	Unplanned Release	
UPR-200-E-65	UPR-200-E-65, UN-216-E-65, 241-A-151 Diversion Box Radioactive Contamination, UN-200-E-65	Unplanned Release	
UPR-200-E-67	UPR-200-E-67, UN-216-E-67, Radioactively Contaminated Pipe Encasement, UN-200-E-67	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
UPR-200-E-77	UPR-200-E-77, UN-216-E-5, 241-B-154 Diversion Box Ground Contamination, UN-200-E-77	Unplanned Release	
UPR-200-E-78	UPR-200-E-78, UN-216-E-6, 241-BX-155 Diversion Box ground contamination, UN-200-E-78	Unplanned Release	
UPR-200-E-80	UPR-200-E-80, UN-216-E-8, 221-B R-3 Line Break, R-3 Radiation Zone, UN-200-E-80	Unplanned Release	
UPR-200-E-84	UPR-200-E-84,241-ER-151 Catch Tank Leak, UN-200-E-84, UN-216-E-12	Unplanned Release	
UPR-200-E-85	UPR-200-E-85, Line Leak at 221-B Stairwell R-13, UN-216-E-13, UPR-200-E-41, UN-200-E-85, UN-200-E-41	Unplanned Release	
UPR-200-E-87	UPR-200-E-87, UN-216-E-15, 224-B South Side Plutonium Ground Contamination, UN-200-E-87, 216-E-15	Unplanned Release	
UPR-200-E-96	UPR-200-E-96, Ground Contamination SE of PUREX, UN-216-E-24, UN-200-E-96	Unplanned Release	
UPR-200-E-117	UPR-200-E-117, Contaminated Liquid Spill, UN-200-E-117	Unplanned Release	
UPR-200-W-2	UPR-200-W-2, UN-200-W-2	Unplanned Release	
UPR-200-W-5	UPR-200-W-5, Overflow at 241-TX-155, UN-200-W-5	Unplanned Release	
UPR-200-W-6	UPR-200-W-6, UN-200-W-6	Unplanned Release	
UPR-200-W-21	UPR-200-W-21, UN-200-W-21, Ground Contamination at 241-TX-154 Diversion Box	Unplanned Release	
UPR-200-W-27	UPR-200-W-27, Transfer Line Leak, UN-200-W-27	Unplanned Release	
UPR-200-W-28	UPR-200-W-28, Release from 241-TX-155, UN-200-W-28	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
UPR-200-W-29	UPR-200-W-29, Transfer Line Leak, UN-200-W-29, UPR-200-W-27, UN-200-W-27, UN-216-W-5, 23rd and Camden Line Break	Unplanned Release	
UPR-200-W-32	UPR-200-W-32, UNH Transfer Line Break, UN-200-W-32	Unplanned Release	
UPR-200-W-33	UPR-200-W-33, Ground Contamination at 224-U, UN-200-W-33	Unplanned Release	
UPR-200-W-35	UPR-200-W-35, Ground Contamination Near UNH Process Line, UN-200-W-35, REDOX to 224-U UNH Line Leak	Unplanned Release	
UPR-200-W-38	UPR-200-W-38, Line Break at 241-TX-302, UPR-200-W-160, UPR-200-W-40, UN-200-W-38, 216-T-30, UN-216-W-36,	Unplanned Release	
UPR-200-W-40	UPR-200-W-40, Line Break at 241-TX-154,UPR-200-W-38, UPR-200-W-160, 216-T-30, UN-200-W-40,	Unplanned Release	
UPR-200-W-49	UPR-200-W-49, Contamination Southeast of 241-SX, UN-200-W-49	Unplanned Release	
UPR-200-W-64	UPR-200-W-64, Road Contamination, UN-200-W-64	Unplanned Release	
UPR-200-W-79	UPR-200-W-79, Contamination Spread at 241-Z, UN-200-W-79	Unplanned Release	
UPR-200-W-97	UPR-200-W-97, Transfer Line Leak, UN-216-W-5, UN-200-W-97	Unplanned Release	
UPR-200-W-98	UPR-200-W-98, UN-216-W-6, 221-T at R-19 Waste Line Break, UN-200-W-98	Unplanned Release	
UPR-200-W-102	UPR-200-W-102, UN-216-W-12, UN-200-W-102	Unplanned Release	
UPR-200-W-113	UPR-200-W-113, Soil Contamination East of 241-TX, UN-216-W-23, UN-200-W-113	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-IS-1 (continued)			
UPR-200-W-114	UPR-200-W-114, UN-216-W-24, Ground Contamination East of 241-SX Tank Farm, UN-200-W-114	Unplanned Release	
UPR-200-W-115	UPR-200-W-115, UN-216-W-25, Ground contamination Along Cooper Street	Unplanned Release	
UPR-200-W-131	UPR-200-W-131, Release from 241-TX-155	Unplanned Release	
UPR-200-W-135	UPR-200-W-135, Release from 241-TX-155, UN-200-2-135	Unplanned Release	
UPR-200-W-160	UPR-200-W-160, Line Break at 241-TX-302C, UPR-200-W-38, UPR-200-W-40, 216-T-30	Unplanned Release	
UPR-200-W-161	UPR-200-W-161, UN-216-W-35, UN-200-W-161	Unplanned Release	
UPR-200-W-164	UPR-200-W-164, Overhead UNH Line Leak, UN-216-W-29	Unplanned Release	
UPR-200-W-167	UPR-200-W-167, Contamiantion Migration from 241-TY, UN-216-W-32	Unplanned Release	
UPR-600-20	UPR-600-20, UN-216-E-41, Cross Country Transfer Line	Unplanned Release	
200-LW-1	**Ecology**	**RPP**	
216-B-53A	216-B-53A, 216-B-53A Trench	Trench	
216-B-53B	216-B-53B, 216-B-53 Trench, 216-B-53B Trench	Trench	
216-B-54	216-B-54, 216-B-54 Trench	Trench	
216-B-58	216-B-58, 216-B-58 Trench, 216-B-59 Crib	Trench	
216-T-27	216-T-27, 216-TY-2 Cavern, 216-TY-2 Crib, 216-TX-2 Cavern, 216-TX-2 Crib	Crib	
216-T-28	216-T-28, 216-TY-3 Cavern, 216-TY-3 Crib, 216-TX-3 Cavern, 216-TX-3 Crib	Crib	
216-T-34	216-T-34	Crib	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-LW-1 (continued)			
216-T-35	216-T-35	Crib	
200-LW-2	**Ecology**	**RPP**	
216-A-15	216-A-15	French Drain	
216-B-6	216-B-6, 222-B-110 Reverse Well, 216-B-6 Dry Well, 216-B-6 Crib, 222-B-110 Dry Well	Injection/Reverse Well	
216-B-10A	216-B-10A, 222-B-1 Crib, 216-B-10 Crib, 292-B	Crib	
216-B-10B	216-B-10B, 222-B-2 Crib, 216-B-10 Crib	Crib	
216-S-19	216-S-19, 222-S Lab Swamp, 216-SL-1, REDOX Lab Swamp, 216-S-19 Pond	Pond	
216-S-20	216-S-20, 216-SL-1&2 Crib, 216-SL-2	Crib	
216-S-26	216-S-26, 216-S-19 Replacement Facility, 216-S-26 Crib	Crib	
207-SL*	207-SL, 222-S Retention Basin, REDOX Lab Retention Basin, 207-SL Retention Basin	Retention Basin	
216-T-2	216-T-2, 222-T-110 Dry Well	Injection/Reverse Well	
216-T-8	216-T-8, 222-T-1 & 2 Cribs	Crib	
216-U-4	216-U-4, 222-U Dry Well, 222-U-110 Dry Well, 216-U-2, 216-U-4 Dry Well	Injection/Reverse Well	
216-U-4A	216-U-4A, 216-U-4 Reverse Well/4a French Drain, 216-U-4 Dry Well	French Drain	
216-U-4B	216-U-4B, 216-U-4B Dry Well, 216-U-4B French Drain	French Drain	
216-Z-7	216-Z-7, 231-W Crib, 231-W Trench, 216-Z-6	Crib	
216-Z-16	216-Z-16	Crib	
216-Z-17	216-Z-17, 216-Z-17 Ditch	Trench	
CTFN 2703-E	CTFN 2703-E, Chemical Tile Field North of 2703-E	Drain/Tile Field	

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Listing by Operable Unit. (Sheet 53 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MW-1	**EPA**	**CPP**	
216-A-4	216-A-4, 216-A-4 Cavern	Crib	
216-A-11	216-A-11	French Drain	
216-A-12	216-A-12	French Drain	
216-A-13	216-A-13	French Drain	
216-A-14	216-A-14, French Drain - Vacuum Cleaner Filter Pit	French Drain	
216-A-21	216-A-21	Crib	
216-A-22	216-A-22, 216-A-22 French Drain, 216-A-22 Crib	Crib	
216-A-26	216-A-26, 216-A-26 French Drain, 216-A-26B	French Drain	
216-A-26A	216-A-26A, 216-A-25 Crib, 216-A-26 French Drain, 291-A French Drain	French Drain	
216-A-27	216-A-27	Crib	
216-A-32	216-A-32	Crib	
216-A-33	216-A-33, 216-A-33 Dry Well, 216-A-26B	French Drain	
216-A-35	216-A-35 French Drain, 216-A-35 Dry Well	French Drain	
216-A-38-1	216-A-38-1, 216-A-38	Crib	
216-A-41	216-A-41	Crib	
216-B-4	216-B-4, 216-B-4 French Drain, 216-B-4 Dry Well	Injection/Reverse Well	
216-B-13	216-B-13, 216-B-13 French Drain, 291-B Crib, 216-B-B, 216-B-13 Crib	French Drain	
216-B-56	216-B-56	Crib	
216-B-61	216-B-61	Crib	
216-C-2	216-C-2, 291-C Dry Well, 216-C-2 Dry Well	Injection/Reverse Well	

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Listing by Operable Unit. (Sheet 54 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MW-1 (continued)			
2704-C-WS-1	2704-C-WS-1, 2704-C French Drain, Gatehouse French Drain	French Drain	
200-E-4*	200-E-4, Critical Mass Laboratory Dry Well North	French Drain	
209-E-WS-1	209-E-WS-1, 209-E French Drain	French Drain	
209-E-WS-2	209-E-WS-2, Critical Mass Lab French Drain	French Drain	
299-E24-111	299-E24-111	Injection/Reverse Well	
2718-E-WS-1	2718-E-WS-1, 2718 French Drain	French Drain	
216-S-12	216-S-12, UPR-200-W-30, 291-S Stack Wash Sump, REDOX Stack Flush Trench	Trench	
216-S-18	216-S-18, 241-SX Steam Cleaning Pit, 216-S-14 Steam Cleaning Pit	Trench	
216-SX-2	216-SX-2 Crib	Crib	
216-T-9	216-T-9, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-10	216-T-10, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-11	216-T-11, Decontamination Trenches, Equipment Decontamination Area	Trench	
216-T-13	216-T-13, 269-W Regulated Garage, 269-W Decontamination Pit or Trench, 216-T-12, 269-W Regulated Garage Decontamination Pit	Trench	
216-T-29	216-T-29, 291-T Sand Filter Sewer, 216-T-29 French Drain	French Drain	
216-T-31	216-T-31	French Drain	
216-T-33	216-T-33	Crib	
216-U-3	216-U-3, 216-U-11, 216-U-3 French Drain	French Drain	
216-U-7	216-U-7, 221-U Vessel Vent Blower Pit French Drain	French Drain	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-MW-1 (continued)			
216-U-13	216-U-13, 216-U-13 Cribs, 216-U-13, 241-UR Steam Cleaning Pit	Trench	
200-W PP	200-W PP, 200-W Powerhouse Pond, 200 West Powerhouse Ponds, 284-W-B	Pond	
216-Z-13*	216-Z-13, 234-5 Dry Well #1, 216-Z-13 Dry Well	French Drain	
216-Z-14*	216-Z-14, 234-5 Dry Well #2, 216-Z-14 Dry Well	French Drain	
216-Z-15*	216-Z-15, 234-5 Dry Well #3, 216-Z-15 Dry Well	French Drain	
216-Z-21	216-Z-21, 216-Z-21 Seepage Basin, PFP Cold Waste Pond	Pond	
616-WS-1*	616-WS-1, 616 NDWSF French Drain	French Drain	
UPR-200-E-13	UPR-200-E-13, Overflow from 216-A-4, UN-200-E-13, UPR-200-E-15	Unplanned Release	
UPR-200-E-15	UPR-200-E-15, Overflow at 216-A-4, UN-200-E-15, UPR-200-E-13	Unplanned Release	
UPR-200-E-17	UPR-200-E-17, Overflow at 216-A-22, UN-200-E-17	Unplanned Release	
UPR-200-W-30	UPR-200-W-30, 216-S-12, UN-200-W-30	Unplanned Release	
UPR-200-W-138	UPR-200-W-138, 221-U Vessel Vent Blower Pit French Drain, UN-216-W-11, UN-200-W-138, UN-200-W-22, UPR-200-W-22	Unplanned Release	
200-PW-1	**EPA**	**CPP**	
216-T-19	216-T-19, 241-TX-153 Crib and Tile Field, 216-TX-1, 241-TX-3, 216-T-19TF	Crib	
216-Z-1&2	216-Z-1&2, 234-5 No. 1 Crib, 216-Z-7, 234-5 No. 2 Crib, 216-Z-1 & 2TF, 216-Z-1 and 216-Z-2 Cribs	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-1 (continued)			
216-Z-1A	216-Z-1A, 216-Z-1A Tile Field, 216-Z-7, 234-5 Tile Field, 216-Z-1AA, 216-Z-1AB, 216-Z-1AC	Drain/Tile Field	
216-Z-3	216-Z-3, 216-Z-3 Culvert, 216-Z-8, 234-5 No. 3 & 4 Cribs	Crib	
216-Z-9	216-Z-9, 216-Z-9 Cavern, 234-5 Recuplex Cavern, 216-Z-10, 216-Z-9 Crib, 216-Z-9 Trench	Trench	
216-Z-12	216-Z-12, 241-Z-12	Crib	
216-Z-18	216-Z-18, 216-Z-18 Crib	Crib	
241-Z-361	241-Z-361, 241-Z-361 Settling Tank	Settling Tank	
UPR-200-W-103	UPR-200-W-103, 216-Z-18 Line Break, UN-216-W-13, UN-200-W-103	Unplanned Release	
UPR-200-W-110	UPR-200-W-110, Contaminated Soil at 216-Z-1, UN-216-W-20	Unplanned Release	
200-PW-2	**Ecology**	**RPP**	
216-A-1	216-A-1, 216-A-1 Cavern, 216-A-1 Trench	Crib	
216-A-3	216-A-3, 216-A-3 Cavern, 216-A-3 Crib	Crib	
216-A-5	216-A-5, 216-A-5 Cavern	Crib	
216-A-10**	216-A-10, 216-A-10 Crib	Crib	
216-A-18	216-A-18, 216-A-18 Excavation, 216-A-18 Grave, 216-A-18 Sump, 216-A-18 Crib	Trench	
216-A-19	216-A-19, 216-A-19 Test Hole, 216-A-19 Grave, 216-A-19 Sump, 216-A-19 Crib	Trench	
216-A-20	216-A-20, 216-A-20 Test Hole, 216-A-20 Grave, 216-A-20 Sump, 216-A-20 Crib	Trench	
216-A-28	216-A-28, 216-A-28 French Drain, 216-A-28 Crib	Crib	
216-A-36A	216-A-36A, 216-A-36 Crib	Crib	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-2 (continued)			
216-A-36B**	216-A-36B, 216-A-36 Crib, Purex Ammonia Scrubber Distillate (ASD)	Crib	
216-B-12	216-B-12, 216-ER Crib, 216-ER-1,2,3 Cribs	Crib	
216-B-60	216-B-60, 216-B-60 Crib	Crib	
216-C-1	216-C-1, 216-C Crib	Crib	
270-E-1	270-E-1, 270--E CNT, 270-E Condensate Neutralization Tank, 216-ER-1	Neutralization Tank	
216-S-1&2	216-S-1&2, 216-S-5 Crib, 216-S-1 & 2	Crib	
216-S-7	216-S-7, 216-S-15	Crib	
216-S-8	216-S-8, Cold Aqueous Trench, Cold Aqueous Crib, 216-S-3, Unirradiated Uranium Waste Trench, Cold Aqueous Grave	Trench	
216-U-1&2	216-U-1&2, 361-WR (Crib 2), 216-U-3, 216-UR #1&2 Cribs, 216-U-1 & 2	Crib	
216-U-5	216-U-5, 216-U-4, 221-U Cold U Trench #2	Trench	
216-U-6	216-U-6, U Facility Unirradiated Uranium Waste Trench, 221-U Cold U Trench, 216-U Cold U Trench #1, 216-U-5, 221-U Cold U Grave #1	Trench	
216-U-8	216-U-8, 216-WR-1,2,3 Cribs, 216-U-9	Crib	
216-U-12**	216-U-12, 216-U-12 Crib	Crib	
241-U-361	241-U-361, 241-U-361 Settling Tank, 361-U-TANK	Settling Tank	
270-W	270-W, 270-W Tank, 270-W Neutralization Tank	Neutralization Tank	
UPR-200-E-39	UPR-200-E-39, Release from 216-A-36B Crib Sampler, UN-200-E-39	Unplanned Release	
UPR-200-E-40	UPR-200-E-40, Release from the 216-A-36B Crib Sampler, UN-200-E-40	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-2 (continued)			
UPR-200-E-64	UPR-200-E-64, UN-216-E-64, Radioactive Contamination from 270-E-1 Neutralization Tank, UN-200-E-64, UN-216-E-36	Unplanned Release	
UPR-200-W-19	UPR-200-W-19, 361-U Overflow, UN-200-W-19	Unplanned Release	
UPR-200-W-36	UPR-200-W-36, Groundwater Contamination at 216-S-1 and 216-S-2	Unplanned Release	
UPR-200-W-163	UPR-200-W-163, Contaminated Vegetation at the 216-U-8 Pipeline, UN-216-W-33	Unplanned Release	
200-PW-3	**EPA**	**CPP**	
216-A-2	216-A-2, 216-A-2 Cavern	Crib	
216-A-7	216-A-7, 216-A-7 Cavern	Crib	
216-A-8	216-A-8, 216-A-8 Crib	Crib	
216-A-24	216-A-24	Crib	
216-A-31	216-A-31	Crib	
216-A-524	216-A-524, 216-A-524 Control Structure, 216-A 524 Weir	Control Structure	
216-C-4	216-C-4, 216-C-4 Crib	Crib	
216-S-13	216-S-13, 276-S Crib, 216-S-6	Crib	
216-S-14	216-S-14, Buried Contaminated Hexone, Cold Organic Trench or Grave, 216-S-4 Burial Contaminated Hexone	Trench	
216-U-15	216-U-15, UN-216-W-10, 388-U Tank Dumping, UPR-200-W-125, UN-200-W-158, U-152 Interface Crud Burial	Trench	
UPR-200-E-56	UPR-200-E-56, Excavated Contamination Adjacent to 216-A-24 Crib, UN-200-E-56, UN-216-E-33, 200-E-18	Unplanned Release	
UPR-200-W-125	UPR-200-W-125, 216-U-15, UN-200-W-125, UN-216-W-10	Unplanned Release	

Appendix C

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-4	**Ecology**	**RPP**	
207-A-SOUTH**	207-A-SOUTH, 207-A, 207-A Retention Basin, 207-A-SOUTH Retention Basin, 207-A South	Retention Basin	
216-A-34	216-A-34, 216-A-34 Ditch, 216-A-34 Crib	Ditch	
216-A-37-1**	216-A-37-1, 216-A-37 Crib	Crib	
216-A-45	216-A-45, 216-A-45 Crib	Crib	
216-C-3	216-C-3, 201-C Leaching Pit, 216-C-3 Crib	Crib	
216-C-5	216-C-5	Crib	
216-C-7	216-C-7, 216-C-7 Crib	Crib	
216-C-10	216-C-10	Crib	
209-E-WS-3	209-E-WS-3, Critical Mass Laboratory Valve Pit and Hold Up Tank (209-E-TK-111)	Valve Pit	
209-E-WS-3:1	209-E-WS-3:1, 209-E-TK-111 Hold Up Tank		
216-S-4	216-S-4, 216-S-7, 216-S-4 Sump or Crib, UN-216-W-1	French Drain	
216-S-22	216-S-22	Crib	
216-S-23	216-S-23	Crib	
216-T-20	216-T-20, 155-TX, 216-TX-2, 216-T-20 Crib, Contaminated Acid Grave	Trench	
216-U-16	216-U-16, UO3 Crib	Crib	
216-U-17	216-U-17	Crib	
UPR-200-E-145	UPR-200-E-145, W049H Green Soil	Unplanned Release	
200-PW-5	**EPA**	**CPP**	
216-B-11A&B	216-B-11A&B, 216-B-11 Crib, 242-B-1 Crib, 216-B-11A & B	French Drain	
216-B-50	216-B-50, 216-BY-8 Crib, 216-BY-8 Cavern	Crib	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-5 (continued)			
216-B-57	216-B-57, 216-B-57 Enclosed Trench	Crib	
216-B-62	216-B-62, 216-B-62 Enclosed Trench, 216-B-62 Crib	Crib	
216-C-6	216-C-6, 241-CX Crib	Crib	
216-S-9	216-S-9	Crib	
216-S-21	216-S-21, 216-SX-1, 216-SX-1 Cavern or Crib	Crib	
UPR-200-W-108	UPR-200-W-108, Line leak at 216-S-9 Crib, UN-216-W-18, UN-200-W-108	Unplanned Release	
UPR-200-W-109	UPR-200-W-109, Waste Line Leak near 218-W-9, UN-216-W-19, UN-200-W-109	Unplanned Release	
200-PW-6	**EPA**	**CPP**	
231-W-151	231-W-151, 231-W-151 Vault, 231-W-151-001 (Tank), 231-W-151-002 (Tank), 231-W-151 Sump, 231-Z-151 Sump	Receiving Vault	
231-W-151:1	231-W-151:1, 231-W-151-001		
231-W-151:2	231-W-151:2, 231-W-151-002		
216-Z-4	216-Z-4, 231-W-3 Pit, 231-W-3 Sump, 231-W-3 Crib, 216-Z-3, 216-Z-4 Crib	Trench	
216-Z-5	216-Z-5, 231-W Sumps, 231-W-1 & 2 Cribs	Crib	
216-Z-6	216-Z-6, 231-W-4 Crib, 231-Z-6, 216-W-4, 231-W "Trench" Crib, 216-Z-4, 216-Z-6 & 6A Crib	Crib	
216-Z-8	216-Z-8, 234-5 Recuplex French Drain, 216-Z-9, 216-Z-8 Crib	French Drain	
216-Z-10	216-Z-10, 216-Z-2, 231-W Reverse Well, 231-W-150 Dry Well or Reverse Well	Injection/Reverse Well	
241-Z-8	241-Z-8, 241-Z-TK-8, Silica Slurry Tank, 216-Z-8	Settling Tank	

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Listing by Operable Unit. (Sheet 61 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-PW-6 (continued)			
UPR-200-W-130	UPR-200-W-130, Line Leak at 231-W-151 Sump, UN-200-W-130	Unplanned Release	
200-SC-1	**EPA**	**CPP**	
207-A-NORTH*	207-A-NORTH, 207-A, 207-A Retention Basin, 207-A-NORTH Retention Basin, 207-A North	Retention Basin	
216-A-6	216-A-6, 216-A-6 Cavern	Crib	
216-A-30	216-A-30, 216-A-30 Crib	Crib	
216-A-37-2	216-A-37-2, 216-A-37-2 Crib	Crib	
216-B-55	216-B-55, 216-B-55 Enclosed Trench, 216-B-55 Crib	Crib	
216-B-64	216-B-64, 216-B-64 Retention Basin, 216-B-64 Trench, 216-B-64 Crib	Retention Basin	
216-S-5	216-S-5, 216-S-5 Cavern #1, 216-S-6 Crib, 216-S-9	Crib	
216-S-6	216-S-6, 216-S-6 Cavern #2, 216-S-5 Crib, 216-S-13 Crib	Crib	
216-S-25	216-S-25, 216-S-25 Crib	Crib	
216-T-36	216-T-36	Crib	
207-Z	207-Z, 207-Z Retention Basin, 241-Z Retention Basin, 241-Z-RB	Retention Basin	
UPR-200-E-19	UPR-200-E-19, Contamination Release at 216-A-6 Sampler, UN-200-E-19	Unplanned Release	
UPR-200-E-21	UPR-200-E-21, 216-A-6 Overflow, UN-200-E-21	Unplanned Release	
UPR-200-E-29	UPR-200-E-29, 216-A-6 Overflow, UN-200-E-29	Unplanned Release	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-ST-1	**Ecology**	**RPP**	
200-E-5	200-E-5, 2607-E2, 2607-E2 Septic Tank & Tile Field	Septic Tank	
200-E-6*	200-E-6, Septic Tank, Sanitary Sewer Repair and Replacement 2607-E4	Septic Tank	
200-E-7	200-E-7, 2607-EO Septic Tank & Tile Field	Septic Tank	
200-E-9*	200-E-9, 2607-EN, 2727-E Septic System, 2607-EN Septic Tank/Pump Station	Septic Tank	
200-E-24*	200-E-24, 6607-11, 2704-HV Septic System	Septic Tank	
2607-E1*	2607-E1	Septic Tank	
2607-E3*	2607-E3	Septic Tank	
2607-E4	2607-E4	Septic Tank	
2607-E5*	2607-E5	Septic Tank	
2607-E6*	2607-E6	Septic Tank	
2607-E7A*	2607-E7A, 2607-E7	Septic Tank	
2607-E7B*	2607-E7B, 2607-E	Septic Tank	
2607-E8*	2607-E8	Septic Tank	
2607-E9*	2607-E9	Septic Tank	
2607-E11*	2607-E11	Septic Tank	
2607-E12*	2607-E12, 2607-E12 Septic System	Septic Tank	
2607-EA*	2607-EA, 2607-EA Septic Tank and Drywell	Septic Tank	
2607-EC*	2607-EC	Septic Tank	
2607-EE	2607-EE, 2607-EL	Septic Tank	
2607-EH*	2607-EH	Septic Tank	
2607-EK*	2607-EK	Septic Tank	
2607-EL*	2607-EL, 2607-EL Septic Tank/Pump Station	Septic Tank	
2607-EM*	2607-EM	Septic Tank	

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Listing by Operable Unit. (Sheet 63 of 81)

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-ST-1 (continued)			
2607-EP*	2607-EP	Septic Tank	
2607-EQ*	2607-EQ	Septic Tank	
2607-ER*	2607-ER	Septic Tank	
2607-FSM*	2607-FSM, 609 Building Septic Tank 2607-FSM, 100 Area Fire Station Septic Tank, 1607-FSM, 6607-FSM	Septic Tank	
2607-FSN	2607-FSN, 609A Building Septic Tank 2607-FSN	Septic Tank	
2607-GF*	2607-GF	Septic Tank	
2607-N	2607-N	Septic Tank	
2607-P	2607-P	Septic Tank	
2607-R	2607-R	Septic Tank	
2607-W1*	2607-W1	Septic Tank	
2607-W2	2607-W2	Septic Tank	
2607-W3*	2607-W3	Septic Tank	
2607-W4*	2607-W4	Septic Tank	
2607-W5*	2607-W5	Septic Tank	
2607-W6*	2607-W6	Septic Tank	
2607-W7*	2607-W7	Septic Tank	
2607-W8*	2607-W8	Septic Tank	
2607-W9*	2607-W9	Septic Tank	
2607-WA*	2607-WA	Septic Tank	
2607-WC*	2607-WC, 2607-WC Septic System	Septic Tank	
2607-WL*	2607-WL, 2607-WL Septic System	Septic Tank	
2607-WWA*	2607-WWA	Septic Tank	
2607-WZ	2607-WZ	Septic Tank	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-ST-1 (continued)			
2607-Z*	2607-Z	Septic Tank	
2607-Z8*	2607-Z8	Septic Tank	
600 ESST	600 ESST, 600 Area Exploratory Shaft Septic Tank, Septic Tank - Exploratory Shaft	Septic Tank	
600 NSTFST	600 NSTFST, 600 Area Near Surface Test Facility Septic Tank, Septic Tank, Near Surface Test Facility	Septic Tank	
600 NSTFUT	600 NSTFUT, 600 Area Near Surface Test Facility Underground Tank, Underground Tank, Near Surface Test Facility	Storage Tank	
622-R ST*	622-R ST, 622-R Septic Tank, 622-R Atmospheric Physics Laboratory Septic Tank	Septic Tank	
6607-1	6607-1, H-40 Gun Site Septic Tank	Septic Tank	
6607-2	6607-2, Gun Site H-42 Septic Tank	Septic Tank	
6607-3	6607-3, Anti-Aircraft Artillery Site H-51 Septic Tank	Septic Tank	
6607-5*	6607-5	Septic Tank	
TFS OF 218-E-4*	TFS OF 218-E-4, Tile Field South of 218-E-4	Drain/Tile Field	
200-SW-1	**Ecology**	**RPP**	
200 CP	200 CP, 200 Area Construction Pit, 200 Area Construction Waste Site, Hanford Site Gravel Pit #29	Depression/Pit (nonspecific)	
200-E BP	200-E BP, 200-E Burning Pit, 200 East Burning Pit	Burn Pit	
200-E PAP*	200-E PAP, 200-E Powerhouse Ash Pit	Coal Ash Pit	
200-E-1	200-E-1, 284E Inert Landfill	Dumping Area	
200-E-2	200-E-2, 2101-M SW Parking Lot, MO-234 parking Lot	Unplanned Release	
200-E-10	200-E-10, Paint Dump Near Sub Trenches	Dumping Area	

OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
200-SW-1 (continued)			
200-E-12	200-E-12, Sand Piles from RCRA General Inspection 200EFY95 Item #5	Dumping Area	
200-E-13	200-E-13, Rubble Piles from RCRA General Inspection #200EFY95 Item #7	Dumping Area	
218-E-6	218-E-6, B Stack Shack Burning Pit, Buried Contamination	Burial Ground	
200-N-3	200-N-3, Ballast Pits	Depression/Pit (nonspecific)	
200-W ADB*	200-W ADB, 200-W Ash Disposal Basin	Coal Ash Pit	
200-W BP	200-W BP, 200-W Burning Pit	Burn Pit	
200-W CSLA	200-W CSLA, 200-W Construction Surface Laydown Area, Non-Rad Burial Ground, Construction Surface Laydown Area	Burial Ground	
200-W PAP	200-W PAP, 200-W Powerhouse Ash Pit	Coal Ash Pit	
200-W-1	200-W-1, REDOX Mud Pit West	Mud Pit	
200-W-2	200-W-2, REDOX Berms West	Spoils Pile/Berm	
200-W-3	200-W-3, 2713-W North Parking Lot, 220-W-1	Dumping Area	
200-W-6	200-W-6, 200-W Painter Shop paint solvent disposal area	Dumping Area	
200-W-10	200-W-10, Item 10 (RCRA General Inspection), Grout Wall Test	Depression/Pit (nonspecific)	
200-W-11	200-W-11, Concrete Foundation South of 241-S, S-Farm Foundation and Dump Site	Dumping Area	
218-W-6**	218-W-6	Burial Ground	
600 BPHWSA*	600 BPHWSA, 600 Area Batch Plant HWSA, Hazardous Waste Storage Area (Batch Plant)	Storage Pad (<90 day)	
600 CL	600 CL, 600 Area Central Landfill, Central Landfill, Central Waste Landfill, CWL, Solid Waste Landfill, SWL	Sanitary Landfill	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-1 (continued)			
600 ESHWSA	600 ESHWSA, 600 Area Exploratory Shaft HWSA, 600 Area Exploratory Shaft Hazardous Waste Storage Area, Hazardous Waste Storage Area (Exploratory Shaft)	Storage Pad (<90 day)	
600 NRDWL**	600 NRDWL, 600 Area Nonradioactive Dangerous Waste Landfill, NRDW Landfill, Nonradioactive Dangerous Waste Landfill (Central Landfill), NRDWL	Sanitary Landfill	
600 OCL	600 OCL, 600 Area Original Central Landfill, Original CLF	Sanitary Landfill	
600-38	600-38, Railroad Siding "Susie", 600-25, Susie Junction	Dumping Area	
600-40	600-40, West of West Lake Dumping Area	Dumping Area	
600-51	600-51, Chemical Dump	Dumping Area	
600-70	600-70, SWMU #2 - Miscellaneous Solid Waste	Dumping Area	
622-1	622-1	Dumping Area	
628-2	628-2, 100 Area Fire Station Burn Pit	Burn Pit	
OCSA	OCSA, Old Central Shop Area, Central Shop Area	Foundation	
UPR-200-E-106	UPR-200-E-106, Contamination at a Burning Ground, UN-200-E-106	Unplanned Release	
UPR-200-W-37	UPR-200-W-37, Contaminated Boxes Found at 200 West Burning Ground	Unplanned Release	
UPR-200-W-70	UPR-200-W-70, Contamination Found at the 200 West Burning Ground	Unplanned Release	
Z PLANT BP	Z PLANT BP, Z Plant Burning Pit	Burn Pit	
200-SW-2	**Ecology**	**RPP**	
218-C-9	218-C-9, Dry Waste No.0C9, 218-C-9 Burial Ground	Burial Ground	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-2 **(continued)**			
291-C-1	291-C-1, 291-C-1 Stack, 291-C Stack Burial Trench	Burial Ground	
218-E-1	218-E-1, 200 East Dry Waste No. 001	Burial Ground	
218-E-2	218-E-2, 200 East Industrial Waste No. 002	Burial Ground	
218-E-2A	218-E-2A, Regulated Equipment Storage Site No. 02A, Burial Trench	Burial Ground	
218-E-3	218-E-3, Construction Scrap Pit	Burial Ground	
218-E-4	218-E-4, 200 East Minor Construction No. 4	Burial Ground	
218-E-5	218-E-5, 200 East Industrial Waste No. 05	Burial Ground	
218-E-5A	218-E-5A, 200 East Industrial Waste No. 005A	Burial Ground	
218-E-7	218-E-7, 200 East 222-B Vaults	Burial Ground	
218-E-8	218-E-8, 200 East Construction Burial Grounds	Burial Ground	
218-E-9	218-E-9, 200 East Regulated Equipment Storage Site No. 009, Burial Vault (HISS)	Burial Ground	
218-E-10**	218-E-10, 200 East Industrial Waste No. 10	Burial Ground	
218-E-12A	218-E-12A, 200 East Dry Waste No. 12A	Burial Ground	
218-E-12B**	218-E-12B, 200 East Dry Waste No. 12B, 218-E-12B Burial Ground - Trench 94	Burial Ground	
200-W-5	200-W-5, Burial Ground/Burning Pit, U Plant Burning Pit, UPR-200-W-8	Burial Ground	
218-W-1	218-W-1, 200-W Area Dry Waste No. 001 Solid Waste Burial Ground	Burial Ground	
218-W-1A	218-W-1A, 200-W Area Industrial Waste Burial Ground #1, Industrial Waste No. 01A, Industrial Waste No. 001	Burial Ground	
218-W-2	218-W-2, 200-W Area Dry Waste No. 002, Dry Waste Burial Ground No. 2	Burial Ground	

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OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-2 (continued)			
218-W-2A	218-W-2A, Industrial Waste No. 002, 218-W-02A Burial Ground, 200-W Area Industrial Waste No. 02A	Burial Ground	
218-W-3	218-W-3, Dry Waste No. 003	Burial Ground	
218-W-3A**	218-W-3A, Dry Waste No. 003A	Burial Ground	
218-W-3AE**	218-W-3AE, Industrial Waste No. 3AE, Dry Waste No. 3AE	Burial Ground	
218-W-4A	218-W-4A, Dry Waste No. 04A	Burial Ground	
218-W-4B**	218-W-4B, Dry Waste No. 04B	Burial Ground	
218-W-4C**	218-W-4C, Dry Waste No. 004C	Burial Ground	
218-W-5**	218-W-5, Dry Waste Burial Ground, Low-Level Radioactive Mixed Waste Burial Grounds	Burial Ground	
218-W-7	218-W-7, 222-S Vault	Burial Ground	
218-W-8	218-W-8, 222-T Vault	Burial Ground	
218-W-9	218-W-9, Dry Waste Burial Ground No. 9, Non-TRU Dry Waste No. 009	Burial Ground	
218-W-11	218-W-11, Regulated Storage Site	Burial Ground	
600-25	600-25, Susie Junction	Dumping Area	
UPR-200-E-24	UPR-200-E-24, Contamination Plume from the 218-E-12A Burial Ground, UN-200-E-24	Unplanned Release	
UPR-200-E-30	UPR-200-E-30, Contamination Within 218-E-12A, UN-200-E-30	Unplanned Release	
UPR-200-E-35	UPR-200-E-35, Buried Contamianted Pipe, UN-218-E-1, 218-E-13	Unplanned Release	
UPR-200-E-53	UPR-200-E-53, UN-200-E-53, Contamination at 218-E-1	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-SW-2 (continued)			
UPR-200-E-61	UPR-200-E-61, Radioactive Contamination from Railroad Burial Cars, UN-216-E-61, UN-200-E-61	Unplanned Release	
UPR-200-E-95	UPR-200-E-95, UN-216-E-23, UN-200-E-95, Ground Contamination Around RR Spur Between 218-E-2A and 218-E-2	Unplanned Release	
UPR-200-W-8	UPR-200-W-8, UN-200-W-8, 200-W-5, Old Burial/Burning Pit, U-Plant Bruning Pit/Burial Ground	Unplanned Release	
UPR-200-W-11	UPR-200-W-11, Burial Ground Fire, UN-200-W-11, UPR-200-W-16	Unplanned Release	
UPR-200-W-16	UPR-200-W-16, Fire at 218-W-4A Burial Ground	Unplanned Release	
UPR-200-W-26	UPR-200-W-26, Contamination Spread During Burial Operation	Unplanned Release	
UPR-200-W-45	UPR-200-W-45, Burial Box Collapse	Unplanned Release	
UPR-200-W-53	UPR-200-W-53, Burial Box Collapse	Unplanned Release	
UPR-200-W-63	UPR-200-W-63, Road Contamination along the South Shoulder of 23rd Street, UN-200-W-63	Unplanned Release	
UPR-200-W-72	UPR-200-W-72, Contamination at 218-W-4A	Unplanned Release	
UPR-200-W-84	UPR-200-W-84, Ground Contamination During Burial Operation	Unplanned Release	
UPR-200-W-134	UPR-200-W-134, Improper Drum Burial	Unplanned Release	
UPR-200-W-137	UPR-200-W-137, 218-W-7, UN-200-W-137	Unplanned Release	
UPR-200-W-158	UPR-200-W-158, Burial Box Collapse	Unplanned Release	
200-TW-1	**EPA**	**CPP**	
216-B-14	216-B-14, 216-BC-1 Crib	Crib	
216-B-15	216-B-15, 216-BC-2 Crib	Crib	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-TW-1 (continued)			
216-B-16	216-B-16, 216-BC-3 Crib	Crib	
216-B-17	216-B-17, 216-BC-4 Crib	Crib	
216-B-18	216-B-18, 216-BC-5 Crib	Crib	
216-B-19	216-B-19, 216-BC-6 Crib	Crib	
216-B-20	216-B-20, 216-BC-7 Trench, 216-B-20 Trench	Trench	
216-B-21	216-B-21, 216-BC-8 Trench, 216-B-21 Trench	Trench	
216-B-22	216-B-22, 216-BC-9 Trench, 216-B-22 Trench	Trench	
216-B-23	216-B-23, 216-BC-10 Trench, 216-B-23 Trench	Trench	
216-B-24	216-B-24, 216-BC-11 Trench, 216-B-24 Trench	Trench	
216-B-25	216-B-25, 216-BC-12 Trench, 216-B-25 Trench	Trench	
216-B-26	216-B-26, 216-BC-13 Trench, 216-B-26 Trench	Trench	
216-B-27	216-B-27, 216-BC-14 Trench, 216-B-27 Trench	Trench	
216-B-28	216-B-28, 216-BC-15 Trench, 216-B-28 Trench	Trench	
216-B-29	216-B-29, 216-BC-16 Trench	Trench	
216-B-30	216-B-30, 216-BC-17 Trench, 216-B-30 Trench	Trench	
216-B-31	216-B-31, 216-BC-18 Trench, 216-B-31 Trench	Trench	
216-B-32	216-B-32, 216-BC-19 Trench, 216-B-32 Trench	Trench	

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OPERABLE UNIT / Waste Unit Name	LEAD REGULATORY AGENCY / Waste Unit Aliases	Unit Type	Status
200-TW-1 (continued)			
216-B-33	216-B-33, 216-BC-20 Trench, 216-B-33 Trench	Trench	
216-B-34	216-B-34, 216-BC-21 Trench	Trench	
216-B-42	216-B-42, 241-BX-8 Grave, 216-BX-8 Trench, 216-B-42 Trench	Trench	
216-B-43	216-B-43, 216-BY-1 Crib, 216-BY-1 Cavern	Crib	
216-B-44	216-B-44, 216-BY-2 Crib, 216-BY-2 Cavern	Crib	
216-B-45	216-B-45, 216-BY-3 Crib, 216-BY-3 Cavern	Crib	
216-B-46	216-B-46, 216-BY-4 Crib, 216-BY-4 Cavern	Crib	
216-B-47	216-B-47, 216-BY-5 Crib, 216-BY-5 Cavern	Crib	
216-B-48	216-B-48, 216-BY-6 Crib, 216-BY-6 Cavern	Crib	
216-B-49	216-B-49, 216-BY-7 Crib, 216-BY-7 Cavern	Crib	
216-B-51	216-B-51, 216-BY-9 Crib	French Drain	
216-B-52	216-B-52, 216-B-52 Trench	Trench	
216-BY-201	216-BY-201, Flush Tank 241-BY, 216-BY-47, Supernatant Disposal Flush Tank	Settling Tank	
200-E-14	200-E-14, 216-BC-201 Siphon Tank, 216-B-201	Storage Tank	
216-T-18	216-T-18, Test Crib for 221-T Building, Scavenged TBP Waste, 216-T-17, 241-T-17 Crib	Crib	
216-T-26	216-T-26, 216-TY-1 Cavern, 216-TY-1 Crib, 241-TX-1 Cavern, 216-TX-1 Crib	Crib	
UPR-200-E-9	UPR-200-E-9, Liquid Overflow at 241-BY-201, UN-200-E-9	Unplanned Release	
200-TW-2	**Ecology**	**RPP**	
216-B-5	216-B-5, 241-B-361 Reverse Well, 241-B-361 Dry Well, 241-B-5 Dry Well	Injection/Reverse Well	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-TW-2 (continued)			
216-B-7A&B	216-B-7A&B, 241-B-1 Crib, 216-B-7 Crib, 216-B-7A Sump, 216-B-7B Sump, 241-B-1 and 2 Cribs, 216-B-7A & B	Crib	
216-B-8	216-B-8, 241-B-3 Crib, 216-B-8, 216-B-8TF	Crib	
216-B-9	216-B-9, 241-B-361 Crib, 216-B-361 Crib, 216-B-9TF	Crib	
216-B-35	216-B-35, 241-BX-1 Grave, 216-BX-1 Trench, 216-B-35 Trench	Trench	
216-B-36	216-B-36, 241-BX-2 Grave, 216-BX-2 Trench, 216-B-36 Trench	Trench	
216-B-37	216-B-37, 241-BX-3 Grave, 216-BX-3 Trench, 216-B-37 Trench	Trench	
216-B-38	216-B-38, 241-BX-4 Grave, 216-BX-4 Trench, 216-B-38 Trench	Trench	
216-B-39	216-B-39, 241-BX-5 Grave, 216-BX-5 Trench, 216-B-39 Trench	Trench	
216-B-40	216-B-40, 241-BX-6 Grave, 241-BX-6 Trench, 216-B-40 Trench, 216-BX-6 Trench	Trench	
216-B-41	216-B-41, 241-BX-7 Grave, 216-BX-7 Trench, 216-B-41 Trench	Trench	
241-B-361	241-B-361, 241-B-361 Settling Tank	Settling Tank	
216-T-3	216-T-3, 241-T-361-A Dry Well or Reverse Well, 361-T Reverse Well	Injection/Reverse Well	
216-T-5	216-T-5, 216-T-5 Grave, 216-T-12, 216-T-5 Trench, 241-T-5 Trench	Trench	
216-T-6	216-T-6, 241-T-361 (1&2 Cribs), 216-T-5, 361-T-1&2 Cribs	Crib	
216-T-7	216-T-7, 216-T-7TF, 216-T-7 Tile Field, 241-T-3 Tile Field	Crib	
216-T-14	216-T-14, 241-T-1 Trench, 216-T-1 Grave, 216-T-13	Trench	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-TW-2 (continued)			
216-T-15	216-T-15, 241-T-2 Trench, 241-T-2 Grave, 216-T-14, 216-T-15 Crib	Trench	
216-T-16	216-T-16, 241-T-3 Trench, 241-T-3 Grave, 216-T-15, 216-T-16 Crib	Trench	
216-T-17	216-T-17, 241-T-4 Trench, 216-T-4 Grave, 216-T-16	Trench	
216-T-21	216-T-21, 241-TX-1 Trench, 216-TX-1 Grave, 216-TX-3	Trench	
216-T-22	216-T-22, 241-TX-2 Trench, 216-TX-2 Grave, 216-TX-4	Trench	
216-T-23	216-T-23, 241-TX-3 Trench, 216-TX-3 Grave, 216-TX-5, 241-TX-3 Grave	Trench	
216-T-24	216-T-24, 241-TX-4 Trench, 216-TX-4 Grave, 216-TX-6	Trench	
216-T-25	216-T-25, 241-TX-5 Trench, 216-TX-5 Grave, 216-TX-7	Trench	
216-T-32	216-T-32, 241-T #1 & 2 Cribs, 216-T-6	Crib	
241-T-361	241-T-361, 241-T-361 Settling Tank, 361-T-TANK	Settling Tank	
UPR-200-E-7	UPR-200-E-7, UN-200-E-7, Cave-In Near 219-B-9 (241-B-361 Crib)	Unplanned Release	
200-UR-1	**Ecology**	**RPP**	
200-E-8	200-E-8, 200 East Trench 94 Diesel Spill	Unplanned Release	
200-E-26	200-E-26, Heavy Equipment Storage Area, Diesel Fuel Contaminated Soil	Unplanned Release	
200-E-56	200-E-56, 241-C Waste Line Leak #1	Unplanned Release	
200-E-57	200-E-57, 241-C Waste Line Leak #2	Unplanned Release	
200-W-9*	200-W-9, W291 Excavation VCP Contamination	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-E-2	UPR-200-E-2, UN-200-E-2, Spotty Contamination Around the B and T Plant Stacks	Unplanned Release	
UPR-200-E-10	UPR-200-E-10, Contaminated Purex Railroad Spur, UN-200-E-10	Unplanned Release	
UPR-200-E-11	UPR-200-E-11, Railroad Track Contamination Spread, UN-200-E-11	Unplanned Release	
UPR-200-E-12	UPR-200-E-12, Contaminated Purex Railroad Spur, UN-200-E-12	Unplanned Release	
UPR-200-E-20	UPR-200-E-20, Contaminated Purex Railroad Spur, UN-200-E-20	Unplanned Release	
UPR-200-E-22	UPR-200-E-22, 291-A-1 Stack Fallout Area, UN-200-E-22,	Unplanned Release	
UPR-200-E-28	UPR-200-E-28, Contamination Release Inside the PUREX Exclusion Area, UN-200-E-28	Unplanned Release	
UPR-200-E-33	UPR-200-E-33, Contaminated Purex Railroad tracks, UN-200-E-33	Unplanned Release	
UPR-200-E-36	UPR-200-E-36, Road Contamination North of Semiworks, UN-200-E-36	Unplanned Release	
UPR-200-E-37	UPR-200-E-37, Contamination East of Hot Semi-Works, UN-200-E-37, UN-216-E-37	Unplanned Release	
UPR-200-E-49	UPR-200-E-49, Roadway Contamination, UN-200-E-49	Unplanned Release	
UPR-200-E-50	UPR-200-E-50, Soil Contamination at the Overground Equipment Storage Yard, UN-200-E-50	Unplanned Release	
UPR-200-E-52	UPR-200-E-52, UN-200-E-52, Contamination Spread Outside the North Side of 221-B	Unplanned Release	
UPR-200-E-54	UPR-200-E-54, UN-200-E-54, Contamination Outside 225-B Doorway	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-E-55	UPR-200-E-55, UN-200-E-55	Unplanned Release	
UPR-200-E-58	UPR-200-E-58, Contaminated Tumbleweeds found on dirt road, UN-200-E-58	Unplanned Release	
UPR-200-E-60	UPR-200-E-60, UN-216-E-60, Radioactively Contaminated Dirt Spill, UN-200-E-60	Unplanned Release	
UPR-200-E-62	UPR-200-E-62, Transportation spill near 200-E Burning Ground, UN-216-E-62, UN-200-E-62,	Unplanned Release	
UPR-200-E-63	UPR-200-E-63, Radioactively Contaminated Tumbleweeds, UN-216-E-63, UN-200-E-63	Unplanned Release	
UPR-200-E-69	UPR-200-E-69, UN-216-E-69, Railroad Car Flush Water Radioactive Spill, UN-200-E-69	Unplanned Release	
UPR-200-E-83	UPR-200-E-83, UN-216-E-11, BC Cribs Controlled Area, UN-200-E-83	Unplanned Release	
UPR-200-E-88	UPR-200-E-88, TC-4 Spur Contaminated Railroad Track, UN-216-E-88, UN-216-E-16, UN-200-E-88. Ground Contamination Around the Western Purex Railroad Spur	Unplanned Release	
UPR-200-E-89	UPR-200-E-89, UN-216-E-17, UN-200-E-89, Contamination Migration to the North, East & West of BX-BY Tank Farms	Unplanned Release	
UPR-200-E-90	UPR-200-E-90, UN-216-E-18, Ground Contamination around B Plant Sand Filter, UN-216-E-90, Radioactive Spill Near 221-B Building, UN-200-E-90	Unplanned Release	
UPR-200-E-92	UPR-200-E-92, 216-E-20, UN-216-E-20, UN-216-20, Ground Contamination Outside 200 East Fence, UN-200-E-92, UN-216-E-92	Unplanned Release	
UPR-200-E-93	UPR-200-E-93, UN-216-E-21 Ground contamination along 200 East Area fence	Unplanned Release	
UPR-200-E-97	UPR-200-E-97, PUREX Railroad Tunnel Contamination, UN-216-E-25, UN-200-E-97	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-E-98	UPR-200-E-98, UN-216-E-26, Ground Contamination East of C Plant, UN-200-E-98	Unplanned Release	
UPR-200-E-103	UPR-200-E-103, UN-200-E-103, BCS Line Leak South of R-17 at 221-B	Unplanned Release	
UPR-200-E-112	UPR-200-E-112, UN-200-E-112, Contaminated Railroad Track from B-Plant to the Burial Ground	Unplanned Release	
UPR-200-E-114	UPR-200-E-114, 202-A Valve Pit, UN-200-E-114	Unplanned Release	
UPR-200-E-140	UPR-200-E-140, PCB Oil Spill at 211-B Bulk Chemical Storage Area, UN-200-E-140	Unplanned Release	
UPR-200-E-141	UPR-200-E-141, 2718-E Building Uranyl Nitrate Spill to Ground, UN-200-E-141	Unplanned Release	
UPR-200-E-142	UPR-200-E-142, 202-A Diesel Fuel Spill, UN-200-E-142	Unplanned Release	
UPR-200-E-143	UPR-200-E-143, Contamination Adjacent to 244-AR Lift Station, UN-216-E-43	Unplanned Release	
UPR-200-E-144	UPR-200-E-144, Soil Contamination North of 241-B, UN-216-E-44	Unplanned Release	
UPR-200-N-1	UPR-200-N-1, Unplanned release near 212-R railroad spur	Unplanned Release	
UPR-200-N-2	UPR-200-N-2, 200-N-2, Unplanned release near Well Pump House No. 2	Unplanned Release	
UPR-200-W-3	UPR-200-W-3, Railroad Contamination, UN-200-W-3	Unplanned Release	
UPR-200-W-4	UPR-200-W-4, Railroad Contamination, UN-200-W-4	Unplanned Release	
UPR-200-W-14	UPR-200-W-14, Waste Line Leak at 242-T Evaporator, UN-200-W-14	Unplanned Release	
UPR-200-W-23	UPR-200-W-23, Waste Box Fire at 234-5Z, UN-200-W-23	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-W-39	UPR-200-W-39, UN-200-W-39, 224-U Buried Contamination	Unplanned Release	
UPR-200-W-41	UPR-200-W-41, Railroad Contamination, UN-200-W-41	Unplanned Release	
UPR-200-W-42	UPR-200-W-42, Contamination found at 2706-S, UN-200-W-42	Unplanned Release	
UPR-200-W-43	UPR-200-W-43, Contaminated Blacktop East of 233-S, UN-200-W-43	Unplanned Release	
UPR-200-W-44	UPR-200-W-44, Railroad Track Contamination, UN-200-W-44	Unplanned Release	
UPR-200-W-46	UPR-200-W-46, Contamianted Railroad Track, UN-200-W-46	Unplanned Release	
UPR-200-W-48	UPR-200-W-48, Contaminated Railroad Track near 221-U, UN-200-W-48	Unplanned Release	
UPR-200-W-51	UPR-200-W-51, Release from 241-S Diversion Box, UN-200-W-51, UPR-200-W-52	Unplanned Release	
UPR-200-W-52	UPR-200-W-52, Release from 241-S Diversion Box, UN-200-W-52, UPR-200-W-51	Unplanned Release	
UPR-200-W-55	UPR-200-W-55, Urainium Powder Spill at 224-U, UN-200-W-55	Unplanned Release	
UPR-200-W-56	UPR-200-W-56, Contamination at the REDOX Column Carrier Trench, UN-200-W-56	Unplanned Release	
UPR-200-W-57	UPR-200-W-57, UPR-200-E-120 (misassignment of E-W area number), UN-200-W-57	Unplanned Release	
UPR-200-W-58	UPR-200-W-58, Railroad Track Contamination, UN-200-W-58	Unplanned Release	
UPR-200-W-60	UPR-200-W-60, Railroad Contamination, UN-200-W-60	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 **(continued)**			
UPR-200-W-61	UPR-200-W-61, REDOX Ground Contamination, UN-200-W-61	Unplanned Release	
UPR-200-W-65	UPR-200-W-65, Contamination in the T-Plant Railroad Cut, UN-200-W-65	Unplanned Release	
UPR-200-W-67	UPR-200-W-67, Contamiantion near 2706-T, UN-200-W-67	Unplanned Release	
UPR-200-W-68	UPR-200-W-68, Road Contamination, UN-200-W-68	Unplanned Release	
UPR-200-W-69	UPR-200-W-69, Railroad Contamination, UN-200-W-69	Unplanned Release	
UPR-200-W-73	UPR-200-W-73, Contaminated Railroad Track at 221-T, UN-200-W-73	Unplanned Release	
UPR-200-W-74	UPR-200-W-74, Overground Line Leak at 241-Z, UN-200-W-74	Unplanned Release	
UPR-200-W-75	UPR-200-W-75, Contamination Spread at 241-Z, UN-200-W-75	Unplanned Release	
UPR-200-W-77	UPR-200-W-77, Contaminated Coyote Feces, UN-200-W-77	Unplanned Release	
UPR-200-W-78	UPR-200-W-78, UO3 Powder Spill at 224-U, UN-200-W-78	Unplanned Release	
UPR-200-W-83	UPR-200-W-83, Radioactive Spill Near 204-S Radiation Zone, UN-216-W-82, UN-200-W-83	Unplanned Release	
UPR-200-W-85	UPR-200-W-85, Radioactive Spill from Multipurpose Transfer Box, UN-216-W-85, UN-200-W-85	Unplanned Release	
UPR-200-W-86	UPR-200-W-86, Contaminated Pigeon Feces at 221-U and 204-S, UN-200-W-86, UN-216-W-86	Unplanned Release	
UPR-200-W-87	UPR-200-W-87, UN-216-W-87, Radioactive Spill from Filter Housing, UN-200-W-87	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-W-88	UPR-200-W-88, Radioactive Spill from UNH Trailer, UN-216-W-88, UN-200-W-88	Unplanned Release	
UPR-200-W-89	UPR-200-W-89, Radioactive Contamination Southwest of 236-Z Building, UN-216-W-89, UN-200-W-89	Unplanned Release	
UPR-200-W-90	UPR-200-W-90, Radioactive Contamination South of 236-Z Building, UN-216-N-90, UN-200-W-90	Unplanned Release	
UPR-200-W-91	UPR-200-W-91, Radioactive Contamination near 234-5Z Building, UN-216-W-91, UN-200-W-91	Unplanned Release	
UPR-200-W-96	UPR-200-W-96, UN-216-W-4, 233-S Floor Overflow, 233-SA Floor Overflow	Unplanned Release	
UPR-200-W-99	UPR-200-W-99, UN-216-W-7, 153-TX Diversion Box Contamination Spread, UN-200-W-99	Unplanned Release	
UPR-200-W-101	UPR-200-W-101, UN-216-W-9, 221-U Acid Spill R-1 through R-5, UN-200-W-101	Unplanned Release	
UPR-200-W-116	UPR-200-W-116, UN-216-W-26, Ground Contamination North of 202-S, UN-200-W-116	Unplanned Release	
UPR-200-W-117	UPR-200-W-117, Railroad Track Contamination, UN-216-W-27, UN-200-W-117	Unplanned Release	
UPR-200-W-118	UPR-200-W-118, Contamination at 211-U, UN-216-W-28, UN-200-W-118	Unplanned Release	
UPR-200-W-123	UPR-200-W-123, 204-S Unloading Facility Frozen Discharge Line, UN-200-W-123	Unplanned Release	
UPR-200-W-127	UPR-200-W-127, Liquid Release from 242-S Evaporator to the Ground, UN-200-W-127	Unplanned Release	
UPR-200-W-159	UPR-200-W-159, Caustic Spill at Plutonium Finishing Plant, UN-200-W-159	Unplanned Release	

OPERABLE UNIT Waste Unit Name	LEAD REGULATORY AGENCY Waste Unit Aliases	Unit Type	Status
200-UR-1 (continued)			
UPR-200-W-162	UPR-200-W-162, Contaminated Area on East Side of 221-U, UN-216-W-37	Unplanned Release	
UPR-200-W-165	UPR-200-W-165, Contamination Area East of 241-S, UN-216-W-30	Unplanned Release	
UPR-200-W-166	UPR-200-W-166, Contamination Migration from 241-T Tank Farm, UN-216-W-31	Unplanned Release	
UPR-600-12	UPR-600-12, UN-600-12, UNH Spill to Route 4S	Unplanned Release	
UPR-600-21	UPR-600-21, Contamination found Northeast of 200 East Area, UN-216-E-31	Unplanned Release	

Groundwater Operable Units

Operable Unit	LeadRegAgency
100-BC-5 (GW O.U.)	EPA
100-FR-3 (GW O.U.)	EPA
100-HR-3 (GW O.U.)	Ecology
100-KR-4 (GW O.U.)	EPA
100-NR-2 (GW O.U.)	Ecology
200-BP-5 (GW O.U.)	EPA
200-PO-1 (GW O.U.)	Ecology
200-UP-1 (GW O.U.)	Ecology
200-ZP-1 (GW O.U.)	EPA
300-FF-5 (GW O.U.)	EPA

* Active waste management units where a hazardous substance has been potentially released or a substantial threat of a release of a hazardous substance exists.
**Treatment Storage and Disposal (TSD) units where closure and permitting activities are to be coordinated with past practice investigation and remediation activities.

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